



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

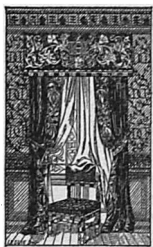
We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

**IDELL & CO.**  
141 Eighth Street, near Broadway, N. Y. City.  
Takes this occasion to announce to the public that they are prepared to make and furnish in the most choice designs **Picture and Looking Glass Frames.** We invite especial attention in novel **Picture Frame Designs**, guaranteeing that our work shall be equal to the best, and as reasonable in price as the best work can be made for. Please give us a call. We also regild old frames, making them equal to new in appearance.

**C. J. ALTRITT,**  
MANUFACTURER OF FINE GILT AND BRONZE  
**Portrait and Picture Frames,**  
Takes this opportunity to announce to the public who desire anything in his particular line, that he is able to serve them with the choicest patterns and rich designs. **Regilding and Repairing** done in the most satisfactory manner. For twenty-seven years with the house of Mons. Gramm.  
16 Bond Street, New York.  
*Cleaning and Renovating Oil Paintings a Specialty.*



**H. STEFAN,**  
UPHOLSTERER  
AND  
Interior Decorator  
171½ TREMONT ST.,  
BOSTON, MASS.  
All outside orders promptly attended to in person.

**M. LOEB,**  
MANUFACTURER OF  
Gold and Bronze Portrait and Picture  
Frames and Looking Glasses,  
825 SIXTH AVENUE,  
Between 46th and 47th Streets, NEW YORK.  
CENTRAL LOCATION OF REFINED SOCIETY.  
All kinds of Gilding and Re-Gilding done at shortest notice; also Looking Glasses put up and Pictures hung at Private Residences. Picture Frames, finest quality, in artistic designs and reasonable prices.

**EMBROIDERY.** Our Book "Manual of Needlework," 100 Pages, is a complete guide to all kinds of EMBROIDERY. Gives diagrams and full instruction in KENSINGTON, ARABESQUE and all the new embroidery stitches, also gives directions for Crocheting and Knitting with cotton twine, several handsome patterns of window and mantle Lambrequins, also to crochet and knit fifty other useful and ornamental articles. Teaches how to make Modern Point, Honiton and Macramé Lace; also Rug Making, Tatting, &c., &c. Profusely illustrated. Price 25 cents post-paid; Four for One Dollar. Stamping Outfit of 10 full size perforated Embroidery Patterns, with powder pad, &c., 60 cents. Book of 100 Embroidery Designs 25 cts. All the above \$1.00.  
Patten Pub. Co. 47 Barclay St. New York.

**ARCHITECTS!**  
If you wish to use a strictly First-class article of Roofing Tin, specify in your contracts for  
**THE IMPROVED GENUINE "TAYLOR" "OLD STYLE" (BRAND)**  
**Double Coated Roofing Tin,**  
And see to it that the Roofer uses the Genuine article only.  
**N. & G. TAYLOR CO., PHILADELPHIA,**  
Are the sole importers of the Genuine "TAYLOR OLD STYLE" Roofing Tin, and every box bears their name, their Registered Trade Mark and guarantee of quality.  
*Send for Samples and Prices.*

**CARBUTT'S**  
**Gelatine Dry Plates,**  
For Artistic, Scientific, Amateur and Professional Photography are not excelled. Our new "GELATINO-ALBUMEN PLATE" is specially prepared for making TRANSPARENTIES for Optical Lantern and Decorative purposes. New and complete Instructions furnished with each package of Plates, to be obtained of any Dealer in Photo Materials. Circulars of Prices, &c., forwarded at request.  
**JOHN CARBUTT,**  
Keystone Dry Plate Works,  
PHILADELPHIA.

**LUCAS THOMPSON & CO.,**  
SOLE AGENTS FOR  
**Bonnaz Embroidering Machines,**  
ALSO  
Gold and other Metal Threads for Embroidering,  
218 CHURCH STREET, NEW YORK.

**C. HUBBINETT,**  
**Engraver in Metal.**  
ROLLERS FOR EMBOSSEING OF LEATHER, PLUSHES, VELVETS, ETC.  
Plate Engraving for Wall Paper and Decorative Purposes.  
152 ORCHARD STREET, NEW YORK.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

**HINTS AND NOTIONS.**

**The ceiling.** Take the natural ceiling, the sky, to begin with. What colors do we find there? Blue backgrounds, red clouds, yellow sun, with the neutrals white, gray, and gold, in clouds and sunshine. Then blue, red, and yellow, with white, gray, and gold, ought to be the right coloring for a ceiling, modified as to tint and tone, and hue, by the knowledge of the use which the room is to be put to. It is impossible to furnish a room harmoniously if the ceiling be white, or if curtains or hangings of any kind be white; for either black or white in any quantity in a room will make impossible any harmonic results. The prevailing color may be a tint of red, blue, or yellow, according to the taste of the person who is to occupy the room or the use of the room; but, this being decided, the rest of the room should be furnished to carry out the scheme of color, of which the ceiling strikes the key-note.

**Humanity to horses.** I wish to call the attention of teamsters and the public generally to the fact that it is very cruel to put a bit into a horse's mouth on a frosty morning, without taking the frost out of it. It is also injurious to a horse, and, if continued, will cause inflammation, and he will not eat well. In this way many horses suffer greatly from pure ignorance. If any one doubts this, just let him put his wet hand on an iron pump handle on a frosty morning, and he will be glad he is not a horse. To ascertain whether there is any frost in a bit, wet the finger (be sure not to use the tongue), and touch it to the bit; if it sticks the bit is full of frost. To take the frost out of a bit, simply dip it into cold water.—*County Gentleman.*

**The wall.** Between heaven and earth, the predominant colors in nature are seen in the green of trees, in the purple of distant atmospheric effects, and in the orange color of clouds at sunrise and sunset. These colors—green, purple, and orange—are called *secondary colors*; and, together with admixtures of the neutrals to produce tints and tones, should be used on walls, letting the secondary wall color harmonize with the primary ceiling color; thus, if the ceiling be a tint of blue, the wall should be a tone of orange; if the ceiling be pink or salmon color, a tint of red, the wall should be a neutral green; if the ceiling be yellow or cream color, the wall should be purple in tone.

**Tambourines.** These are much used now for holding the letters on a writing table, which are just ready to be posted. They are simply tied with colored ribbons and painted. They are also used for work-baskets, padded and lined, and fitted with pockets and filled with toys, having nothing at the top they make a most acceptable gift for a child. Well painted they are frequently suspended on the wall by means of a long ribbon.

**Milk pails.** These are mostly of one size, viz., about a yard round. The best plan is to cover them with a coat of common paint—red, claret, green, or blue—and on this to paint flowers in oils. They are covered outside with chintz and with satin. Inside they should always have quilted satin linings, or a plain satin lining with a couple of bows of ribbon at the side. Draperies of material can be arranged round them with a pretty effect.

**Warming a room by sunshine.** Professor E. S. Morse has recently described his device for utilizing the sun's rays for warming a room. It consists of a slaty surface, painted black, placed on the outside wall of the building, with flues to conduct the warm air to the inside.

**To perfume note paper,** wet blotting paper with perfume, dry it by placing a weight upon it, then lay it between the sheets of writing paper and top it with a heavy weight. Very soon the paper will absorb the aroma.

**Storks made of wool,** and with wings widespread, are suspended by invisible wires in a recess or bay window, and, if handled artistically, are very effective.

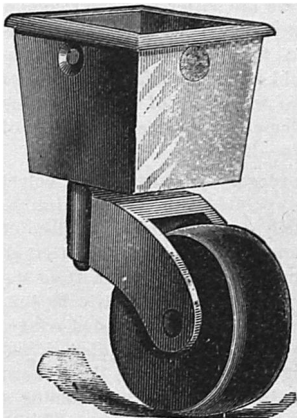
**The American Queen says:** The latest Parisian table decoration is to place flat baskets of roses near each plate, with the menu tied to the handle.

**A handsome toilet set** is of pale blue plush with painted border of apple blossoms and a fringe of antique lace.

**Satin panels** for the walls with a velvet bird of rich plumage appliquéd, are very handsome.

Octagonal occasional-tables are popular.

**JOHN TOLER, SONS & Co.,**  
MANUFACTURERS OF  
**Fine Furniture Casters.**



We are making all kinds and sizes, from the ordinary

**PLATE AND BED,**

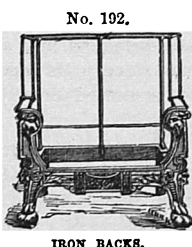
Up to the finest kinds used on first-class Furniture. Over seven hundred sizes and kinds of these goods can be obtained through the

**Principal Cabinet Furnishing Houses**

In the States, arrangements with whom enable them to sell at our lowest prices. Special sizes and designs will be gotten up for the accommodation of our customers.

Wheels made of leather, especially adapted to marquetry floors, as noiseless as soft rubber, and, unlike rubber, will not lose their elasticity for years. We have known them to wear for thirty years.

108 to 118 ADAMS STREET,  
NEWARK, N. J.



No. 192.

IRON BACKS.

**HERTEL & SPARMANN,**  
MANUFACTURERS OF  
**Fine Furniture Frames**  
(TURKISH).

58, 60, 62, 64 CLINTON ST.,  
NEW YORK.



No. 330.

ASH BACKS.

ESTABLISHED 1824.  
**PARKER & GILLESPIE,**  
MAKERS OF THE FINEST GRADES OF  
**Varnishes and Hard Oil Finish**  
FOR  
**ARTISTIC CABINET WORK,**  
554 to 562 WEST TWENTY-FIFTH STREET,  
NEW YORK.  
Correspondence Solicited.

A. HAMMACHER.
W. SCHLEMMER.
C. F. GOEPEL.

## A. HAMMACHER & CO.,

209 BOWERY, NEW YORK,

Importers and Jobbers of

### Upholstery Goods,

Offer a large variety and well-selected stock of

FURNITURE COVERINGS, DRAPERIES,

ETC., ETC.

Novelties in Velours de Trevise, Royal and Jute Brode.

Plain and Embossed Mohair and Silk Plushes.

Cross Stripes, Turcomans, and other Fancy Goods.

Domestic, Spun and Raw Silks.

---

OUR ASSORTMENT OF


## CABINET HARDWARE

Is the most complete in the United States, comprising all the Foreign and Domestic Specialties and Standard Articles required by Cabinet Makers and Furniture Dealers.

CATALOGUE AND PRICE LIST ON APPLICATION.

**The Trent Tile,**  
MANUFACTURED BY  
**TRENT FAIENCE WORKS,**  
TRENTON, N. J.,  
For Hearths, Wainscoting, Cabinet Work, Mantel  
Facings and General Decorations.  
ALSO, HAND PAINTED MANTEL FACINGS.  
**BROWNELL & CO.,**  
Manufacturers Agents,  
2 College Place, cor. Barclay St., N. Y.

**JOHN AMFAHR,**  
Designer in Art Stained Glass,  
FOR CHURCH & DOMESTIC WORK.  
Popular Conceptions carried out in best workmanship  
and at reasonable prices.  
212 WEST 33d STREET,  
NEAR SEVENTH AVENUE, NEW YORK.  
Designs furnished on application.



**MAXWELL'S**  
**Prepared Gypsum**  
For Whitening and Coloring  
Stones, Dwellings, Churches,  
Mills, Hotels, Barns, or for  
any purpose where whitewash  
kalsomine is used;  
A Beautiful,  
Durable, and Cheap  
wash for the wall, outside or  
inside; it will be good for  
years if kept covered with  
water. It is smooth, like  
paint. For use, reduce with  
water quite thin, and apply  
with kalsomine brush.  
**JOHN MAXWELL,**  
606 to 610 Washington Ave.,  
PHILADELPHIA.



**W. H. Harrison & Bro.**  
Manufacturers.  
**PLAIN AND ARTISTIC**  
**GRATES**  
AND FIREPLACES  
A SPECIALTY.  
Also Furnaces and Ranges.  
Send for Illustrated Catalogue, 1435 Chestnut St., Phila.

**ROBERT KELSO & CO.**  
Manufacturers of



**Plain and Ornamental Iron Bedsteads**  
For Hospitals and Private Use. The best, most  
durable, and comfortable spring mattress in use.  
Brass Bedsteads, Hair Mattresses, Cotton and  
Husk Mattresses, Feather Beds, Pillows, etc.  
Warerooms, No. 639 Arch St., Phila.

**ALFRED GODWIN & CO.,**  
**Artistic Stained Glass,**  
1201 MARKET STREET,  
PHILADELPHIA, PENN.



**J. & S. Gillott's**  
**Steel Pens.**  
GOLD MEDAL, PARIS, 1878.  
His Celebrated Numbers,  
303-404-170-351-332,  
and his other styles may be had of all dealers  
throughout the world.  
**Joseph Gillott & Sons, New York.**

HAROLD PARKER, President. S. L. HOLDREDGE, Treasurer.  
**THE TAHANTO MANUFACTURING CO.,**  
42 BATTERYMARCH ST, BOSTON,  
**Manufacturers of Decorative Articles in Metal.**  
Friezes, Panels and Dadoes for the Interior Decoration of Houses, Hotels, etc.  
Panels for Furniture from imported and original designs. Facings and Tiles for Mantel Pieces, etc.  
in Copper, Brass, Bronze and Silver.  
Special attention is called to the reproductions from natural leaves and flowers in the panels  
and tiles for furniture and interiors.  
Correspondence solicited and estimates furnished on application.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

**HINTS AND NOTIONS.**

As advertisers are better satisfied that correspondents are attracted by a certain advertisement, when that advertisement is mentioned, we would esteem it a favor if those of our readers who write any of our advertisers would kindly name this paper as the source of their information—if it is.

**Mantel borders.** A dark green velvet mantel border, painted in lustra painting, which is so easily done, is pretty. A piece of dark green serge with a strip of Oriental-looking cretonne about two inches from the edge, the pattern touched up a little in silk, and the whole bordered with worsted fringe, looks well; so does an appliqué of dark red cretonne on sage green sheeting, the pattern simply buttonholed round. It is becoming a very usual plan to have the chimney border to match the chintz of the room.

**Some elaborate decorations** for rich hangings are shown in floral designs in plush applique. A portiere of olive plush has a broad band of a lighter shade with large passion flowers and palm leaves in the natural colors. A cover for a small square table is of peacock blue plush, each side being cut into a deep scallop which is ornamented with pink roses of plush, stuffed, so as to stand out well from the background.

**An improved water heater** is made. It is intended to be principally an oil burner, and around the water chamber are suitable flues to facilitate obtaining the utmost heat. The whole apparatus is constructed of sheet metal, with right joints, and is intended to furnish a portable heater which can be readily used for heating water out of doors or wherever wanted.

**Fans.** A gilded palm-leaf with a spray of natural flowers, and the handle covered and tied with white satin ribbon, is a pretty young lady's fan. A novelty is a fan of molded plush, covered papier maché, and made to represent begonia, chestnut, waterlily, and geranium leaves, and these look very well as decorative patterns.

**A very beautiful and extremely delicate** design for a royal blue plush table scarf is the clematis flower; a very realistic effect is produced by forming the flowers with arrasene, cutting each end and fastening it in the centre by small yellow stitches in yellow filoselle, or, if you prefer a tiny gold bead, the latter is quite effective.

**The Artist,** our sprightly Boston exchange, has discontinued its "Bohemian" department, which made quite a flutter among the local artists. It is unfortunate that this was necessary, for the department was well written up and had the merit of spice, which is lacking in every special journal.

**Crystal soap** is said to be very good for cleaning brass. Dampen a cloth, rub on the soap until a white paste is formed (not a lather), then clean the article, rub dry and polish. When the cloth looks black, wash out, squeeze nearly dry, and put on more soap.

**An inside wooden shutter** is made, which is raised or lowered by cords. It is a simple and cheap arrangement whereby slats may be placed and kept in any desired position, or the angle of the slats be changed at pleasure.

**Coffee beans** placed upon a hot plate or over hot coals throw off an aroma which is healthful and agreeable.

**A very striking and picturesque floral** decoration is a large panel made of red and yellow tulips, bordered with ivy leaves.

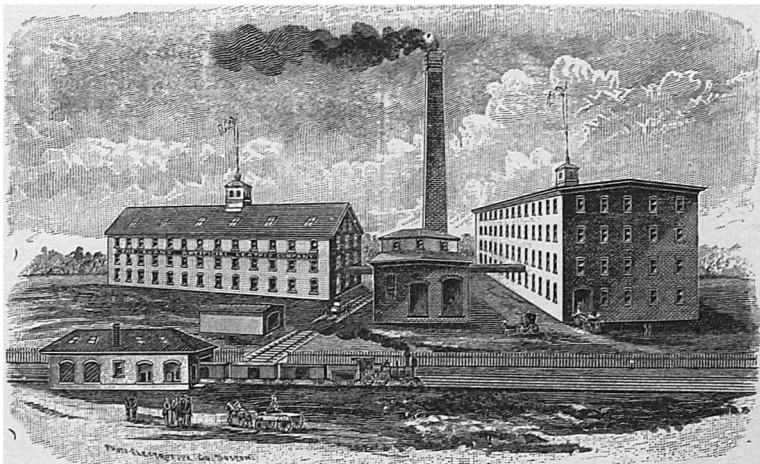
**Furniture colored blue and silver** is a novelty.

**A new coloring matter** which gives a new and beautiful yellow, has just been discovered.

**A fire-proof floor and ceiling** has been finally invented.

**Shell-shaped silver baskets** for flowers are used.

**HAVE YOU TRIED THE  
IMPROVED  
SUBSTITUTE FOR LEATHER.**



Medals received for Best Substitute for Leather at the Cincinnati and Louisville Expositions of 1883.

It is indistinguishable from real leather in nature and appearance, is manufactured in all desirable colors, is not affected by the temperature, is impervious to water, and is made in light and heavy weights so that it may be substituted for cheap as well as costly leather.

**IT COSTS LESS,** varying from one-third to two-thirds, according to the kind of leather it is used in place of.

It is especially adapted for **UPHOLSTERING FURNITURE**, for **LAMBREQUINS, PORTIERES, and DECORATIVE purposes generally.**

Special attention is called to our **ALLIGATOR** goods, being now largely used for furniture coverings, and also our **NEW EMBOSSED LEATHER SUBSTITUTE** in any design suitable for wall decorations, ceilings, and other purposes.

WALTER N. DOLE,  
General Agent.

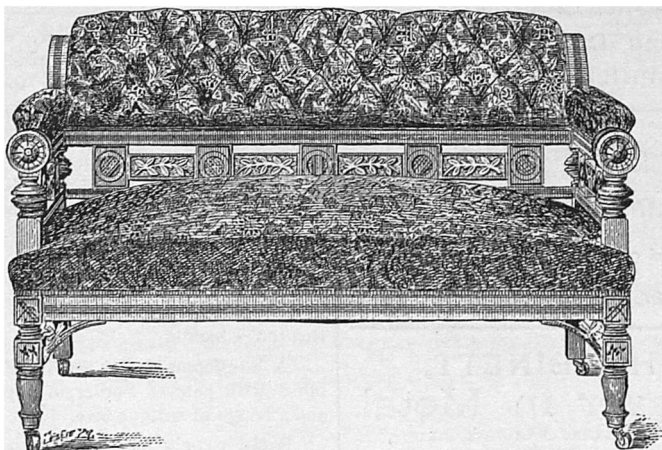
**EVANS ARTIFICIAL LEATHER COMPANY,**  
92 Pearl Street, Boston.

In sending for Samples state the purpose for which the Goods are intended.

**BROWN, DeTURCK & CO.,**  
IMPORTERS AND DEALERS IN  
**UPHOLSTERY GOODS,**  
CAR AND CABINET MAKERS FINDINGS,  
218 South Second Street, PHILADELPHIA, PA.  
3 Union Square, New York; 127 S. Dearborn Street, Chicago; 11 Rue Martel, Paris.

**THE SINGER & GOODRICH**  
**LUMBER CO.,**  
IMPORTERS OF  
**St. Domingo Mahogany,**  
SATIN WOOD AND LIGNUM VITAE,  
21st Street and North River,  
NEW YORK.

**SHAW, APPLIN & CO.,**  
MANUFACTURERS OF  
**Fine Parlor, Church and Lodge**  
**FURNITURE,**  
27 SUDBURY STREET, BOSTON, MASS.



The above cut shows the Divan in our No. 56 Parlor Suit, an entirely new design; comprising six pieces, all different, including a Divan, Low Back Easy. Ladies and Corner Chairs and two Side Chairs, Upholstered in Embossed Silk Plush or covering to suit.



## Minton's Tiles,

PLAIN AND ENCAUSTIC,  
For Public Buildings and Dwellings,  
AS IMPORTED BY US SINCE 1850,

And laid by us in the Capitols at Washington and Albany, and in numerous Churches, Banks, and Dwellings in every part of the Country,

GLAZED AND ENAMELED TILES,  
For Mantels, Hearths, Wainscoting, &c., and for Exterior Decoration.

MILLER & COATES,  
279 Pearl Street, near Fulton Street,  
NEW YORK.

## Minton's Artistic Tiles.

SHARPLESS & WATTS,

(Agency Established 1850),

1325 MARKET STREET, PHILADELPHIA.

Newest designs for Floors and Walls. Richly glazed Tiles for Hearths and Fireplaces. Chefs d'oeuvre of Art Painted Plaques for Mantels, Cabinets, Panels, etc.

## Star Encaustic Tile Company,

(LIMITED),

Office, 80 FOURTH AVE., PITTSBURGH, PA.

MANUFACTURERS OF ALL DESIGNS AND COLORS OF

Plain and Encaustic Flooring Tile

For Floors, Halls, Hearths, Vestibules, and all Public and Private Buildings.

Quality warranted equal to the best Imported Tile.

## ALFRED BOOTE,

11 EAST 19TH ST.,

Manufacturer and Importer of

## TILES

OF ALL DESCRIPTIONS.

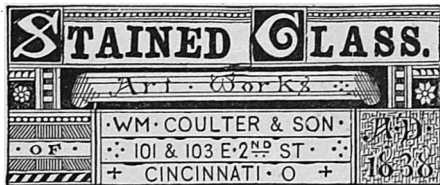
From MINTON'S, Maw's, Boote & Co.

MOSAICS in stock and made to order.

LARGE STOCK OF

Mantels, Grates and Open Fireplaces.

Special designs made to suit customers free of charge. Experienced men kept to set Mantels, Grates and Tiles



## SPANISH TILES.

NOLLA'S the Best Colors and Hardness ever produced in Flooring Tile.

ORIGINAL DESIGNS FOR EVERY WORK.

FERNANDO MIRANDA,

Sole Agent for the United States,

WELLS BUILDING.

18 Broadway, N. Y.

## KELLEY & CO.,

Stained and Cut Glass Works.

CHURCH AND ORNAMENTAL WINDOWS TO ORDER. Ground, Enameled and Embossed Glass. All kinds of Glass Work in general.

GLASS SIGNS. BEVELING A SPECIALTY.

Nos. 21 & 27 Pearl St., Boston.

## CLEVELAND

Stained Glass Works,

No. 99 and 101 Public Square,  
CLEVELAND, Ohio.

Stained, Enameled, Embossed and Cut Glass Memorial Windows and Domestic Work of every kind. Correspondence solicited and estimates furnished.

GEORGE DRAKE, PROPRIETOR.



BOOTH & RIESTER,

29 Pearl Street, Buffalo, N. Y.



J. & R. LAMB,

59 CARMINE ST., N. Y.

Sixth Avenue Cars pass the door.

ARTISTIC

Stained Glass.

NEW DESIGNS IN PROGRESS OF WORK.

MEMORIAL WINDOWS.

Door Lights, Window Panels,  
Screens, &c.

FIRE SCREENS, &c., &c.

Send for Hand-Book by Mail.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

## HINTS AND NOTIONS.

To coat cast iron a glossy black. To coat cast iron a glossy black color that will stand washing and heat, take oil of turpentine and add to it strong sulphuric acid, drop by drop, while stirring, until a syrupy precipitate is formed and no more of it is produced on further addition of a drop of acid. The liquid is now repeatedly washed away with water, every time renewed after a good stirring, until the water does not exhibit any more acid reaction with blue litmus paper. The precipitate is next brought upon a cloth filter, and after all the water has run off, the syrup is fit for use. This thickish deposit is painted over the iron with a brush; if it happens to be too stiff, it is previously diluted with some oil of turpentine. Immediately after the iron has been painted, the paint is burnt in by a gentle heat, and after cooling, the black surface is rubbed over with a piece of linen stuff dipped in and moistened with linseed oil.

Here is a lament from Professor F. W. Newman, and we should imagine it is as strong as Mr. Morris could well desire: "Artists have, in many ways, made our homes less convenient, even less safe, by their untimely pressure for beauty before utility. Their outcry is that of the horseleech—give! give! Look at the House of Parliament for thousands squandered over misplaced beauty. Utility must go first, and beauty be built upon it, if anything worthy and permanent is to be produced. Christmas cards are every year becoming more elaborate. Women's dresses equally. When the sewing machine was first invented, I uttered a melancholy fear that its chief result would be to make female garb more elaborate. The principle must be resisted. Artists need a curb put on them, as do the medical faculty, by public common sense." —British Architect.

The question seems now to be, who will furnish the common sense?

Wall decorations. In a letter to the London journals, Lord Waveney bears strong tribute to the beauty and suitability of Irish poplin for wall decoration, for which it is now being used by the Queen and in the best English houses. He also proves that it is economical, which is the most important item in the question. In 1844 he had the drawing-room of his London house hung with Irish tabaret yellow with white stripes. "The color and brilliancy," he says, "remains undiminished in intensity after near forty years' wear in London. A ruby tabaret has lasted equally well."

Places at tables for guests at dinners may be designated in this way: have an alphabet made of tin, have each letter about three inches high and the little tin forms deep enough to hold a little sand or wet moss. Then fill the forms with tiny flowers and leaves.

A music holder has been patented. It consists in a combination with opening and closing music holders made to shut and keep closed by a spring applied to a clamp. Great facility is claimed for putting in and taking the music out, and also for keeping it open when desired.

To clean gilt frames rub with small quantity of sal volatile mixed with cold water, or after well dusting, paint the gilding with a camels hair brush dipped in the following mixture: one gill of water in which one ounce of common salt, one ounce of alum, and two ounces of purified nitre have been dissolved.

The plain effects of a bedroom mantel may be improved by hanging in the centre a round or square bevelled mirror, with a frame of oak or plush, and on each side, a trifle above, place small shelves for vases, bric-a-brac, etc.

Scraps of cloth. A tailor has made a very effective stair carpet of patterns neatly sewn together, as in patchwork, and edged with scarlet two inches wide. He has taken care to have the patterns all the same size, and they look like thick striped material.

Opalescent glass with gold or silver lining makes a beautiful wall or ceiling decoration. For tiles around a fire place it is extremely effective.

A crescent-shaped basket made to hang from the ceiling or a bracket is very pretty to hold flowers or grasses.

## THOMAS G. AICKIN,

MANUFACTURER OF

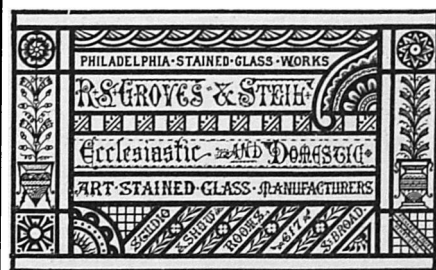
Stained, Enameled, Embossed and Cut Glass,

IN EVERY STYLE OF THE ART, MODERN AND ANTIQUE,

For Public and Private Buildings.

Designs furnished for Memorial, Heraldic and Figure Windows.

Office & Factory, 2129 & 2131 Market St.,  
PHILADELPHIA.



## The Smith & Dasselme Ornamental Glass Works.

ARTISTIC ORNAMENTATION ON GLASS OF EVERY DESCRIPTION, for Steamboat, Car, House and Church Decoration.

Looking Glass Plates Ornamented in Gold and Silver. Monograms, Trade Marks, Crests, etc., neatly arranged. Designs Furnished on Application.

39 & 91 CHARLES ST., N. W. corner Bleecker St., NEW YORK.

## OWINGS, LE DERLE & CO.,

Stained Glass, Mosaics, etc.

30 & 32 EAST FOURTEENTH STREET,

Between Fifth Avenue and University Place,

Elevator Entrance No. 30.

NEW YORK.

DESIGNS AND ESTIMATES FURNISHED.

## Otto F. Falck,

ECCLESIASTICAL AND DOMESTIC

Glass Staining,

34 EAST HOUSTON STREET,

NEAR BROADWAY,

NEW YORK.

## STAINED GLASS.

GEORGE A. BOWEN,

No. 184 West Fourth Street,

CINCINNATI, O.

Orders taken for Interior, Household and Ecclesiastical Decorations.

## JAKEWAY & SAVARY,

Artistic Embossed Glass.

For Mantels, Cabinets, Sideboards,  
Vestibule and Storm Doors, Rail-  
road Cars, Offices, etc.



SILVERED EMBOSSED  
FOR  
Furniture Trade a Specialty.

49 UNIVERSITY PLACE,  
NEW YORK.

M'CAW, STEVENSON & ORR'S  
PATENT

"Glacier" Window Decoration,

The Most Perfect Substitute for Stained Glass.



MANUFACTURED AT THE

LINENHALL WORKS, BELFAST, IRELAND.

PHILADELPHIA: 106 NORTH 10TH STREET.

NEW YORK: 32 BROADWAY.

BOSTON:

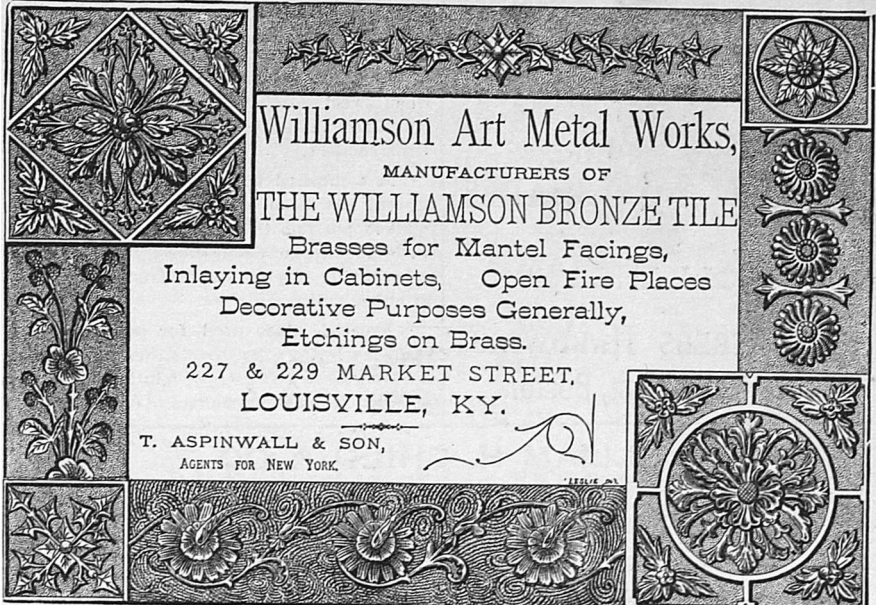
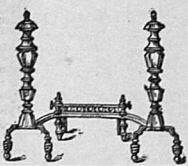
52 KILBY STREET.

Architects  
AND  
Builders  
WANTING  
FANCY GRILLS,  
ANDIRONS, ETC.

Are requested to forward plans, or have us call and give estimate.  
Special attention given to Wrought Iron Fencing, Window Guards and Stable Goods.

DAVID PETTIT & CO.,  
Nos. 1126, 1130 & 1132 Ridge Av.,  
PHILADELPHIA.

Old Stand of Robert Wood & Co.








**Rand Manufacturing Co.,**  
Manufacturers of and Dealers in  
Parlor Furniture, Lounges,  
Chairs, Tete-a-Tetes, Tables  
and Hall Racks.  
Office and Warerooms,  
**PRATT AND SHARP STS.**  
FACTORY,  
365, 367, 369, 371, 373 and 375 W. PRATT ST.,  
Baltimore, Md.  
M. H. HOWARD, J. Q. RAND, Prop's.

**"THE IDEAL" CHAIR.**

This Chair is designed in obedience to hygienic law. The rear portion of the seat rests on springs so arranged that it permits the back of the chair to receive a large portion of the weight of the body; it expands the lungs, gives free play to the respiratory organs. It is constructed of the best material, in a most thorough manner.



**"THE IDEAL" CHAIR CO.,**  
8 Reed's Block, Harrison Ave., BOSTON  
HENRY S. BACON, Manager.

**FINE WALL PAPER**  
AND  
**Window Shades,**  
**GEORGE SMITH, JR.,**  
344 BOWERY 344  
NEW YORK.




**C. J. SOYARD & CO.**  
Manufacturers of  
**WOOD MANTELS,**  
Furniture  
AND  
Interior  
Fittings,  
173  
Washington Street,  
BOSTON.

**ACME WINDOW BLIND,**  
**WILLIAM MORSTATT,**  
SOLE MANUFACTURER,  
332 Seventh Avenue, near 29th St., New York.

Endorsed by the leading Architects as the best and most complete Inside Blind manufactured, and adopted in the lately furnished dwellings of the Vanderbilts, Ouellets, Stuart, Bishop, Morgan, Ruppert, and many others of our first-class buildings. We invite their examination by those intending to furnish.

**CUSHMAN, BROS. & CO.,**  
MANUFACTURERS OF  
**Shade Rollers,**



TRADE MARK

on each label, and parties buying should insist on having these goods.

**WINDOW SHADES,**  
**HOLLANDS**  
AND  
**UPHOLSTERERS HARDWARE,**  
84 Hawley Street, Boston.

**WILLIAM H. CHILD & CO.,**  
MANUFACTURERS OF  
**Window Shades & Shade Cloths.**  
613 COMMERCE STREET, PHILADELPHIA, PA.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

—\*—  
**HINTS AND NOTIONS.**  
—\*—

**Bay window decoration.** A novel decoration is a wheelbarrow, ordinary gardener's size. Fill it with flower pots containing flowers, hiding the pots with green moss. Round the edges inside fix a wooden trough, and in this and all along plant hanging creepers and lycopodium, also some ivy, and let this latter fall over the wheel. After the flowers are arranged, gild the barrow on the outside. It is best to get the dry gilding powder, two packages of bronze, and four of the yellow gilt packages, with a liquid that comes for mixing with it. Use a flat camel's hair brush an inch wide. When the gilt is thoroughly dry, varnish the surface with white varnish, and it will retain its brightness. Stand on a bright red rug or mat.

**A new mantel cover** of golden brown silk serge has a scarf covering the shelf and hanging over each end half way to the floor. These ends are embroidered with Japanese roses in shaded yellows. Across the fronts of the mantel is a straight lambrequin gathered up very short at each corner of the shelf and fastened to the scarf with a large bow of wide gold-colored ribbon. Across the centre of this lambrequin is a spray of the yellow roses. A wall banner of myrtle-green serge is ornamented with branches of lilacs in crewel and ribbon work, the fine close blossoms being effectively simulated. The most serviceable bureau scarfs are of linen canvas, the ends finished with elaborate drawn work and knotted fringe.—*Carpet Trade and Review.*

The discovery that castor oil plants possess the faculty of killing and keeping away flies, mosquitoes, and other insects, was recently made by a French scientist named Rafford, who noticed that certain rooms in his house, in which castor oil plants were growing, were entirely free from these disagreeable insects, although other apartments were infested with them. He found lying near the plants great quantities of dead flies, and a large number of dead bodies were hanging to the under surface of the leaves, which caused him to investigate the matter, and the discovery was made that the plants gave out an essential oil, or some toxic principle which possessed very powerful insecticide qualities.

**Enamelling.** A patent has been taken out in Germany for a new process of enamelling ceramic articles. The glass, terra-cotta, stoneware, porcelain, or similar article, is covered with a film capable of conducting electricity, by painting the article with a solution of chloride of platinum or nitrate of silver and burning this in, and then decorating as desired with enamel. This is burned in, and the article is afterwards covered electrolytically with the metal. The galvanic coating does not adhere to the enamel, and very varied effects can be produced by gilding, silvering, coloring, polishing, platinising, etc., the metallic surfaces of the articles.

**The floor.** Beneath our feet in nature we shall find the tertiary colors, the russet and citrine of the earth stains, and the olive of grass shadows, relieved by small bright spots of the primary colors, red, blue, and yellow, in flowers. So, according to this natural system, the color of floors, whether of wood, tiling, or carpeting, ought to be subdued and sombre, with small and infrequent bits of bright colors to relieve the dullness of the general effect, and produce the appearance of bloom, as in a field of flowers.

**Castor oil,** five parts, thinned with refined petroleum one part, is a good lubricating oil for bicycles, or any other fine machinery. Good sweet cold-pressed lard oil mixed with petroleum in the same proportion as above is also excellent.

**A combined burglar alarm and telephone system** has been patented. This invention renders possible the application of telephone wires to burglar connections, so as to effect great saving of wires and obstruction to streets in cities.

**Frosted glass** used for screens, etc., is made by laying the sheets horizontally and covering them with a strong solution of sulphate of zinc. The salt crystallizes in drying.

**M. B. WIGGIN'S SONS,**  
MANUFACTURERS OF  
**Opaque and Holland Shades,**  
**DEAD FINISH HOLLAND**  
AND  
Patent Holland Dados.  
**EVERYTHING IN THE WINDOW SHADE LINE.**  
124 Clinton Place,  
NEW YORK.

OUR NEW  
**Rocksonia**  
**Hollands,**  
equal to the Scotch in finish  
and better in fabric.


**BOULT'S PATENT REVERSE MOTION**  
**Paneling, Variety Moulding & Dovetailing Machine.**

Cuts Panels of any Design or Style of Mould in the SOLID WOOD, with Neatness and Dispatch. Is a FIRST-CLASS Shaper, Edge and Surface Moulder. Does General Dovetailing with THICK OR THIN STUFFS.

**SIMPLE, DURABLE AND EFFICIENT.**  
CHAM, SWITZERLAND, May 6, '81.  
*The Battle Creek Machinery Co.,*  
*Battle Creek, Mich.*

GENTLEMEN: The Boults Patent Moulding, Carving, Paneling and Dovetailing Machine which we purchased of you in 1877 has been in constant use ever since, and has given entire satisfaction in every particular. Too much cannot be said in its praise. Its equal can certainly not be found in Europe. Yours truly,  
ANGLO SWISS COND. MILK CO.

**IMPROVED**  
**Solid Steel Cutters,**  
For all kinds of Variety Moulders, made to order and warranted.  
Send for Pamphlet and sample of work.



**BATTLE CREEK MACHINERY CO.**  
Battle Creek, Michigan, U. S. A.

**J. P. WOLF & CO.,**  
SUCCESSORS TO  
**STADTFELD & WOLF,**  
MANUFACTURERS OF  
**TABLES**



**351 CANAL STREET, CHICAGO, ILL.**  
SEND FOR CATALOGUES.

**DO YOU KNOW**

That you can get a year's subscription to the *Century Magazine* for \$1.98; to *Harper's Monthly* for \$1.57; to *Harper's Bazar* and *Harper's Weekly* for \$1.98 each; to the *Atlantic* for \$1.98; to *St. Nicholas* for \$1.27; to *The Youth's Companion* for 47 cents; to the *New York Weekly Tribune* for seven cents—and to any other periodical in the world at equally astonishing discounts from the regular prices. These rates are actually given to all subscribers to the above, if taken at the same time with **THE CONTINENT** (*Judge Tourgee's Weekly Magazine*). The following are a few of the combinations we make to those subscribing at once:

COMBINATION SUBSCRIPTION RATES.	REGULAR RATE.	BY SINGLE COPIES.	OUR PRICE FOR THE TWO.
The Continent, \$4, and The Decorator and Furnisher, \$4.....	\$8.00	\$9.40	\$5.96
The Continent, \$4, and The Century, \$4.....	8.00	9.40	5.98
The Continent, \$4, and Harper's Magazine, \$4.....	8.00	9.40	5.57
The Continent, \$4, and Harper's Bazar, \$4.....	8.00	10.40	5.98
The Continent, \$4, and Harper's Weekly, \$4.....	8.00	10.40	5.98
The Continent, \$4, and Atlantic Monthly, \$4.....	8.00	9.40	5.97
The Continent, \$4, and Army and Navy Journal, \$6.....	14.00	11.20	8.60
The Continent, \$4, and North American Review, \$5.....	9.00	11.20	6.80
The Continent, \$4, and Forest and Stream, \$1.....	8.70	10.40	5.89
The Continent, \$4, and The Nation, \$3.....	7.00	10.40	5.55
The Continent, \$4, and The Critic, \$3.....	7.00	10.40	5.48
The Continent, \$4, and Lippincott's Magazine, \$3.....	7.00	8.20	5.21
The Continent, \$4, and Golden Days, \$3.....	7.00	—	5.19
The Continent, \$4, and Congregationalist, \$3.....	7.00	—	5.27
The Continent, \$4, and Christian Union, \$3.....	7.00	—	4.99
The Continent, \$4, and Zion's Herald, \$2.50.....	6.50	—	4.77
The Continent, \$4, and St. Nicholas, \$3.....	7.00	8.20	5.27
The Continent, \$4, and New York Semi-Weekly Tribune, \$3.....	7.00	—	5.00
The Continent, \$4, and New York Weekly Tribune, \$2.....	6.00	—	4.07
The Continent, \$4, and Art Interchange, \$2.....	6.00	7.70	4.53
The Continent, \$4, and Youth's Companion, \$1.75.....	5.75	—	4.47
The Continent, \$4, and Scientific American, \$3.20.....	7.20	10.40	5.47
The Continent, \$4, and Phrenological Journal, \$2.....	6.00	8.20	4.27

**A HUNDRED MILLION DOLLARS**



Are expended every year by the American people for their periodical literature, with very little idea of economy in the transaction, such as business wisdom dictates in the wholesale purchase of other commodities. The above offers give the individual purchaser the advantages of wholesale rates, with no agents or middlemen of any kind—the subscriber getting the whole advantage. The list given above is only an example of what we are prepared to offer to all who include **THE CONTINENT** in their lists. If you are going to take any of the periodicals named, or any others, submit your list for our estimate. It will defy competition.

As to **THE CONTINENT** itself, the *New York Observer* says: "It ranks in literary merit and artistic quality with the best and oldest-established magazines in the country;" and the poet Whittier said, in renewing his subscription: "It has more than fulfilled its promises; I cannot do without it." **THE CONTINENT** has been lavish of promises, and has fulfilled every one. It will fulfill these. We are glad to answer inquiries. Let us know what you want. Specimen Copies sent on application.

Subscriptions to **THE CONTINENT** and other periodicals may begin with any number of either. Be sure and state when you want each to begin. Remit by draft or money order. The New Postal Notes are just out, and will be found very convenient in remitting odd sums of money. The above figures are "odd" enough; that is, because they are figured down to the lowest cent for your advantage.

**SUBSCRIBE NOW!**

ADDRESS:  
**THE CONTINENT, 36 S. Eleventh St., Phila.**



**TOWEL RACK**  
AND  
**Novelty Manufacturing Co.,**  
MANUFACTURERS OF  
Brickley's Improved Folding Towel, Hat  
and Hook Racks.



OFFICE AND SALESROOM,  
**67 SOUTH MAIN STREET,**  
PROVIDENCE, R. I.  
P. O. Box 829.  
Send for Illustrated Circular and Price List.

**COLLINS' PATENT**  
**"EXCELSIOR"**  
**Fire Screens.**



"Excelsior" Folding Dress Fenders a perfect protection for Open Fire Places or any Open Fire. These goods are a new design, and combine elegance with usefulness. For sale at all leading Grate and Fender Warerooms, and by the sole manufacturer,

**ARTHUR COLLINS,**  
332 Seventh Avenue, New York.

**FIRE ON THE HEARTH.**  
Stoves, 5 sizes.  
No. 18, New and Elegant Design.

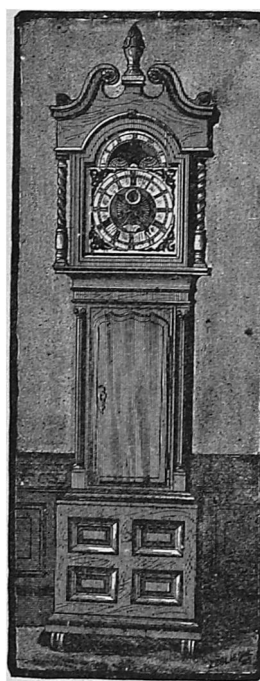


**AIR WARMING GRATES,**  
Two Sizes.  
**Fire Place Heaters,**  
Two Sizes.

Each one combining the Radiation and Ventilation of an open fire, with the power and economy of a warm air furnace; also full lines of Parlor and Cook Stoves, Ranges, etc. Send for Price List.

**OPEN STOVE VENTILATING CO.,**  
76 Beekman Street, New York.

**English Hall Clocks,**  
OF DIFFERENT STYLES,  
With Very Fine Mahogany and Oak Cases inlaid in Brass.



**WALTER H. DUFFEE,**  
Manufacturer and Dealer,  
295 HIGH ST., PROVIDENCE, R.I.

Beat Escapement, Maintaining Power and Cathedral Bells. Movements or Cases sold separately if desired.

Further Particulars Given By  
**WALTER H. DUFFEE,**  
Manufacturer and Dealer,  
295 HIGH ST., PROVIDENCE, R.I.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

**HINTS AND NOTIONS.**

A successful piece of faience work has been constructed in the grill room of the First Avenue Hotel, London. In this faience grill the basis of color is rich brown, verging on amethyst, the panels being treated with background of rich yellow, passing into brown, combined with blue gray and a peculiar tone of bronze. The tone is perhaps open to the objection that it is too cold, but that it is a satisfactory and well considered piece of decoration there can be no doubt.

At the Beauvais competition for designs of a tapestry suitable for a couch, which took place at the Ecole des Beaux Arts, Paris, on the 18th of November, the prize of \$400 was awarded to M. Couty, a master at the Ecole des Arts Décoratifs, Nice. The tapestry will be executed at the government tapestry works at Beauvais.

An improved chair has been patented. It provides for a seat with rockers on the bottom, and downwardly projecting lugs therefrom, the lugs passing through pockets and being surrounded by springs contained in the pockets, thus giving a very easy and comfortable motion.

In England thin shavings of veneers of different kinds of wood are coming into use for book covers. The woods now mostly in use are our American black walnut, lime, oak, holly, etc., but all woods may be used. After being placed upon the wood the veneers can be either rubbed down with oil or French polished.

A library devoted exclusively to technical arts has been opened in the rue Titon in Paris. It is founded and endowed with funds left for the purpose by a Mr. Forney; £6,800 have already been spent on books, maps, drawings, and copies.

An improved wagon seat has been patented. The invention is a novel construction of adjustable seats for spring wagons. The seat is fastened by clamps and thumb screws to the wagon body, and the construction is light and strong.

Natural flowers may be preserved by taking them when fresh cut and dipping them in paraffine melted enough to maintain its fluidity; move the flowers about very carefully in the liquid so as to remove all air bubbles; withdraw quickly and hold a moment to dry.

The direction of the "Beaux-Arts" has held a competition for a painted ceiling in the hall of the Musée Astronomique. The subject being the transit of Venus across the sun. Three sketches were sent in and that of M. Dupain was selected.

Mantels are now draped with scarfs suspended from a brass rod about the edge of the shelf.

**B. H. ZINN'S SONS,**  
199 East Seventeenth Street,  
N. E. CORNER 3d AVE. NEW YORK.

Would inform the public that they execute orders in Upholstery and Decorations in the latest and most tasty styles. We make a specialty of repairing and polishing Antique Furniture. Varnishing, Upholstering and Repairing of Furniture done in the best manner. Our terms are reasonable. Please give us a call.

**ARTISTIC CABINET WORK**  
—B. SCHMIDT & CO.—  
501 to 505 East 70th Street,  
NEW YORK.

Hardwood Doors, Ceilings, Mantels, Trimmings, Mirror Frames, etc.

THE DECORATOR AND FURNISHER says: "Of all the society papers that reach us it certainly contains the most information and the least objectionable matter. Heretofore society journals have been made up of a mass of drivel and tautology that has become more than cloying. We are glad to see that THE QUEEN aims at something higher."

**The American Queen**  
THE LEADING SOCIETY JOURNAL.

Special features of THE QUEEN during the ensuing season will be.

- I. Its chatty chronicle of the doings of the social world.
- II. Its comment on social affairs—personal but not impertinent.
- III. Its society cartoons, by leading artists.
- IV. Its portraits of prominent persons in society.
- V. Its library department, an excellent commentary upon current literature.
- VI. Its criticisms of the leading plays.
- VII. Its notes on fashion and home decoration.
- VIII. Its articles on etiquette and the art of entertaining.
- IX. Its letters from Boston, Philadelphia, Washington and other centres of fashion.

**ERNEST F. BIRMINGHAM & CO.,**  
PUBLISHERS,  
140 Nassau Street, New York.  
SUBSCRIPTION, FOUR DOLLARS A YEAR.

**TWO MONTHS FREE.**  
—\*—  
THE  
**American Architect & Building News**  
IS THE

Only WEEKLY Illustrated Journal of its Class published in America.

Its yearly issue contains 232 full page Illustrations (large quarto), innumerable smaller cuts and 604 pages of text. It also contains a weekly record of Building Permits issued all over the country, all the new proposals and a price list of Building Materials regularly revised.

**Two Months Free!**

The NINE weekly issues for November and December, 1883, will be sent without extra charge to new subscribers who prepay their subscription (\$6.00) for 1884 on or before December 25, 1883.

**Monthly Issue.**

The twelve first issues for each month may be subscribed for separately, at \$1.75 for the year, or \$1.00 for six months.

All remittances should be made to the Publishers,  
**JAMES R. OSGOOD & CO.,**  
211 Tremont Street,  
BOSTON.

SUBSCRIPTION RATES: Weekly issue, \$6.00 per year; \$3.50 for six months. Monthly issue, \$1.75 per year; \$1.00 for six months.

**TWO MONTHS FREE.**

**ROBERT TROGER & CO.,**  
**ARTISTS IN ORIGINAL FRESKO DESIGNS,**  
(MODERN STYLES A SPECIALTY).  
In receipt and constantly on hand the latest and choicest designs in  
**WALL PAPERS.**  
Decorators of LINCRUSTA WALTON, of which we keep the latest patterns. PAINTING in all its Branches.  
Showrooms and Office, 61 WEST 125th STREET, NEW YORK.

**HOUGHTON, MIFFLIN & CO.'S**  
New Books.

**A ROUNDABOUT JOURNEY.**

By Charles Dudley Warner, author of "My Winter on the Nile," "In the Levant," etc. 12mo, \$1.50.  
Not long since Mr. Warner spent many months in Europe, principally in the countries bordering on the Mediterranean, and made an excursion into Africa. The experiences and observations of these months are depicted in this delightful book.

**AN AMBITIOUS WOMAN.**

A Novel by Edgar Fawcett, author of "A Gentleman of Leisure," etc. 12mo, \$1.50.  
A brilliant story of current New York Society, introducing many fresh types of character. While appearing in the New York Sunday Tribune it attracted great interest and caused no little discussion.

**HISTORY OF PRUSSIA,**

To the Accession of Frederick the Great. By Herbert Tuttle, Professor in Cornell University, author of "German Political Leaders," etc. Crown 8vo, \$2.25.

A work of sterling value and a remarkable interest. It is not merely a history of Prussia's sovereigns and military operations, but of the people, of the development of its political, social and religious institutions; and both in its design and in its execution it will take rank with the more important of modern historical works.

**EXCURSIONS OF AN EVOLUTIONIST.**  
By John Fiske, author of "Cosmic Philosophy," "Myths and Myth-Makers," etc. 12mo, \$2.00.

The variety, importance and masterly treatment of the subjects discussed by Mr. Fiske, make this book one of no ordinary value and interest.

**RIVERSIDE SHAKESPEARE.**

Six-volume edition. Edited by Richard Grant White. With Glossarial, Historical and Explanatory Notes. Printed from the same plates as the three-volume edition, but on larger and heavier paper, and tastefully bound. 8vo, cloth, \$15.00 a set, in box; half calf, \$30.00.

An exceedingly handsome and every way desirable edition of Shakespeare.

\*\* For sale by all booksellers. Sent by mail, post-paid, on receipt of price by the Publishers,

**Houghton, Mifflin & Co., Boston.**

**THE ATLANTIC MONTHLY**  
For 1884

Will be of the same sterling and varied excellence as heretofore, giving the best Serial and Short Stories, Essays, Sketches, Poetry, Criticism and discussion of important Timely Topics.

**THE ATLANTIC WRITERS**

include, besides many others,

J. G. Whittier.	C. D. Warner.
O. W. Holmes.	T. W. Higginson.
J. R. Lowell.	E. L. Godkin.
E. C. Stedman.	Sarah Orne Jewett.
W. D. Howells.	John Burroughs.
Henry James, Jr.	Edward Everett Hale.
F. Marion Crawford.	Lucy Larcom.
Phillips Brooks.	John Fiske.
Richard Grant White.	James Parton.
T. B. Aldrich.	H. H.
Horace E. Scudder.	Celia Thaxter.
Rose Terry Cooke.	Edgar Fawcett.


THE ATLANTIC furnishes in the course of the year as much reading as is contained in Twenty Ordinary Books of 300 pages each.

TERMS: \$4.00 a year, in advance, postage free. With superb life-size portrait of Longfellow, Bryant, Whittier, Lowell, Holmes, Emerson or Hawthorne, \$5.00; each additional portrait, \$1.00.

Remittances should be made by money-order, draft, or registered letter, to

**HOUGHTON, MIFFLIN & CO.,**  
4 Park Street, Boston, Mass.  
11 East Seventeenth St., New York.

**C. JOHANSON,**  
MANUFACTURER OF  
**Antique and Modern Furniture,**  
**MANTELS, SIDEBORDS, ETC.**  
FROM DESIGNS,  
19 Wareham Street, Boston, Mass.  
ORDERS SOLICITED.



**VICTOR SELF-ACTING SHADE ROLLER**  
Saginaw Manufacturing Co., Saginaw, Mich.

No Cords, Balances or Friction. Contains New and Improved Devices, which place it in the lead of all others. Best Steel Springs, Best Stock, Best Prices. Send for Model and Descriptive Circulars.

NOTICE.—Stewart Hartshorn sued the predecessors of this Company in the U. S. C. Court in Michigan, claiming that this roller was an infringement of his patents. The suit was tried on its merits, and in April, 1883, judgment was rendered against him, and he was compelled to pay the costs of the litigation. This Company owns and controls the patents under which this Roller is manufactured, and will protect all parties "buying or selling" them.

SAGINAW MANUFACTURING CO.





**WOOD MANTELS.**  
Artistic Styles in any Hard Woods, in Special Designs. Library Tables and Fittings. Bank Counters and Office Desks. Opera Chairs, Church Seating, and School Desks. We acknowledge no superior in these departments all made by  
**A. H. ANDREWS & CO.,**  
CHICAGO, ILL.

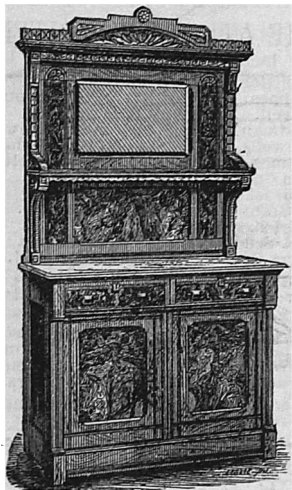
**VANDERBEEK BROTHERS,**  
**Fresco Painters and Decorators.**  
PLAIN PAINTING, PAPER HANGERS.  
No. 1316 BROADWAY,  
NEW YORK.

**FIRST-CLASS WORK**  
In Upholstering, Interior Drapery, Decorations and Handsome Furniture,  
Executed by the undersigned, who has been until recently in the employ of one of the most popular and successful houses in this line on Broadway. Slip Covers, Curtains, Portieres and Draperies after latest designs. Old Furniture Re-Upholstered and Renewed skillfully. Families waited upon at their residences.  
**EUGENE VERBEEK** (formerly with B. L. Solomon's Sons),  
751 Sixth Avenue, New York.

**PERRIN FURN. CO.,**  
Wholesale Manufacturers of  
**MARBLE AND WOOD TOP**  
**CENTER TABLES,**  
Library Tables and Couch Frames.  
FACTORY AND OFFICE,  
Nos. 152, 154 & 156 North Water St.,  
ROCHESTER, N. Y.

**Williamsport Furniture M'f'g Co.**  
(LIMITED).  
**WILLIAMSPORT, PA.**  
Branch Store, 121 North Second St., Philadelphia, Pa.  
MANUFACTURERS OF

Walnut, Imitation Mahogany, Ash,  
Oak, Maple and Cottage Furniture,



FINISHED AND IN THE WHITE.  
CATALOGUE AND PRICE LIST FURNISHED TO DEALERS ON APPLICATION

**The Manhattan**  
FOR FEBRUARY  
CONTAINS:

**Frontispiece.** Illustration of the Poem, "The Queen's Revenge." Drawn by Will H. Low and engraved by Wolf.  
**Autumn Camps on Cayuga Lake.** By William F. Taylor. Profusely illustrated.  
**Transformation.** The first part of a story by Harriet Prescott Spofford.  
**A Poet's Wife.** A Comedy. By Brander Matthews.  
**The Old Elm.** A Poem. By Judge Noah Davis, Presiding Justice of the Supreme Court.  
**CARICATURE.** By Frank Beard. Profusely and humorously illustrated by the author.  
**THE QUEEN'S REVENGE.** A Poem. By Thomas S. Collier. Illustrated.  
**Shakespeare's Sonnets in a New Light.** By Junius Henri Browne.  
**Tinkling Cymbals.** Chapter VII. By Edgar Fawcett.  
**Across the Caucasus.** By S. G. W. Benjamin, U. S. Chargé at Teheran, Persia.  
**Creation or Evolution?**—II. By George Ticknor Curtis.  
**Poems** by Mary Bradley, Ella Wheeler, Christopher P. Cranch, and others.  
**Recent Literature.** Town Talk.  
**Salmagundi.**  
\$3.00 a year, postage paid. 25 cents a number.  
**THE MANHATTAN MAGAZINE CO.,**  
Temple Court, New York City.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

HINTS AND NOTIONS.

As advertisers are better satisfied that correspondents are attracted by a certain advertisement, when that advertisement is mentioned, we would esteem it a favor if those of our readers who write any of our advertisers would kindly name this paper as the source of their information—if it is.

A correspondent of the *London Furniture Gazette* writes his paper on polishing and preserving parquet floors: "Having had a long and varied experience in connection with this subject, perhaps my method will prove an interesting mite towards solving the difficulty. One very great and important point is often overlooked, i. e., that bad or indifferent ventilation injuriously affects the work. Another cause of deterioration is dry rot or the accumulation of damp air or gases under the floors. I have observed in some instances that floors that had been polished some months have had a half-dried and tacky appearance, and I have found that one of the three evils just mentioned has been the cause. That oil darkens wood is certainly true to a certain extent; but if linseed oil that has been previously clarified and rendered transparent is applied to a wood surface the darkening takes place just the same, which leads me to infer that oil does not darken to the extent generally believed, but that it is the deposition of dirt in minute particles that penetrate under and into the surface of the polish or varnish, that bring about the darkening, and for this reason—I have found floors that have been polished by me to be but very slightly changed in color after four to five years. To meet the many difficulties that are encountered in the process—I proceed as follows: Procure a saucepan, into which put some cold water, having a smaller vessel that will hold a pint of linseed oil, which should then simmer for half an hour; to prevent the oil boiling I take three pieces of stone or something similar, and upon these I place the vessel containing the oil, since I have found that the oil is thus rendered in better condition than when boiled. I next add a piece of white wax; when well digested I add three parts of a pint of spirit of turpentine, using a little of the spirit to grind some litharge for the purpose of expediting the drying of the oil. I find half an ounce of litharge is sufficient for one pint of the above liquids. The manner of application is simple, merely requiring a little pressure to rub the compound into the wood."

The growing fashion of introducing squares and panels of bevelled mirror glass into cabinets, mantel backs, and other pieces of drawing-room furniture, is dangerous unless kept in subjection to good sense and taste. The scattered reflections from these bits of glass are often confusing and unpleasant. Squares and jewels of stained glass can be employed with far better effect. Mirrors may be used without restriction in bedrooms and dressing-rooms where they have a purpose and fitness. The long swinging glasses are coming into favor again, and bureaus, dressing-tables, and walls are more amply supplied with mirrors than they have been of late years.

It is a curious fact that old wasp nests sometimes take fire, as is supposed, by the chemical action of the wax upon the material of which the nest is composed. Many of the fires of unknown origin in haystacks and farm buildings may thus be accounted for. Old lumber piles have been known to take fire unaccountably, possibly from a similar cause.

A "grandfather's chair" made of flowers after the original belonging to a family where the grandfather lately died, was worked out by an east-side florist. Carnations represented mahogany, and a pattern of violets and callas was the cushion for the seat.

A portable door fastener is adapted to be jammed in between the door and the casing and held by a part which is then set against the door, for which the inventor has devised a novel construction.

A hinge for toilet glasses and mirrors is simple in construction and cheap, having sufficient tension to hold the mirror at any desired inclination.

An improved lock and latch enables the outside knob to be disconnected at will, so making it impossible to open the door from the exterior. No key hole is necessary as no key is used.

A window-cleaning guard to save active (?) servants from involuntary trips to the sidewalk, has been made.

ESTABLISHED 1850.  
**MARTIN WORN & SONS,**  
MANUFACTURERS OF  
**Walnut Chamber Suits,**  
WARDROBES,  
SIDEBOARDS,  
HALLSTANDS  
AND  
CHIFFONNIERS.  
FACTORY:  
127 to 133 Seigel Street,  
CORNER HUMBOLDT STREET.  
Warerooms and Office:  
(Where all communications should be addressed)  
103, 105, 107 & 109  
Humboldt Street, cor. Seigel St.,  
BROOKLYN, E. D., N. Y.  
New York City Warerooms,  
99 Mott St., near Canal.  
New Catalogues and Price Lists now ready and  
furnished to the Trade on application.



**THE ROMAN ART GIFT.**  
A simple method of Water-Coloring, by which any person, without previous knowledge of Drawing or Painting, can paint a beautiful picture. No transferring; no transparency; no glass used. With our printed instructions and colors you can paint photographs, lithographs, engravings, etc. You can earn \$3.00 daily at home with it. If you understand this art, photographers will employ you, stationers and art dealers will buy your products, you can decorate your home with pictures painted by your own hand, and have the accomplishment of the day. To advertise our colors we will send to any address a Box of our Colors, with printed instructions, and a colored photograph of Mary Anderson. We consider this a gift for \$1.00, forwarded to us in a registered letter, with stamp enclosed. Circulars for stamp. No home should be without THE ROMAN ART. Address,  
**ROMAN ART CO., 3 Union Square, New York.**  
REFERENCES: The Decorator and Furnisher, Art Amateur, Art Interchange, and all Art Journals of New York. State where you found this Advertisement.

1848 **THE INDEPENDENT.** 1884  
The Largest, the Ablest, and the Freshest  
Religious and Literary Weekly.

AS a religious journal, *The Independent* has no peer in the world. It is undenominational. It is an evangelical journal, and is free to approve or criticise anything in any denomination which it believes is designed to advance or hinder the progress of the Gospel of Christ.  
AS a literary journal, *The Independent* does not suffer by comparison with the best. It furnishes its readers with poems, descriptive articles, and stories from the ablest writers of this country and the old world. Its payments to contributors will average double that paid by any other weekly newspaper.  
THE department of literature is especially valuable. Its reviews of new books are exceedingly well done, and its criticisms are able, unbiased and frank.  
BEING from one-quarter to one-half larger than any of its contemporaries, it is able to give a great deal of space to departments of value to reading, thinking, intelligent people, among which are the following: Editorial, Biblical Research, Missions, Religious Intelligence, the Sunday-school, Music, Hymn Notes, Education, Science, Sanitary, Fine Arts, Ministerial Register, Personalities, Farm and Garden, Financial and Commercial. Thirty-two pages in all every week.  
A PAPER which has published articles from the following persons, selected from a list of over three hundred writers who have contributed to its columns during the past year, cannot be a very dull paper.

Ezra Abbott, LL.D.  
Thomas Armitage, D.D.,  
Prof. Fred. M. Bird,  
Prof. Alex. B. Bruce, Glasgow, Scot.  
Rev. A. H. Bradford,  
Austin Bierbower,  
Mary D. Brine,  
W. H. Chad Boscawen, Wrexham,  
England,  
Hon. S. G. W. Benjamin, U. S.  
Minister to Persia,  
Rev. Wm. M. Baker, D.D.,  
Hjalmar H. Boyesen,  
Leonard W. Bacon, D.D.,  
Rev. Joseph Cook,  
Mary Clemmer,  
Rt. Rev. Arthur Cleveland Cox,  
D.D., LL.D.,  
Theo. L. Cuyler, D.D.,  
Rev. Howard Crosby, D.D.,  
Rose Terry Cooke,  
Rt. Rev. Thomas M. Clark, D.D.,  
LL.D.,  
Rev. Samuel W. Dike,  
Rebecca Harding Davis,  
Prof. George P. Fisher, D.D.,  
Prof. Norman Fox,  
Washington Gladden, D.D.,  
Dora Read Goodale,  
Casper Rene Gregory, Paris, Fr.  
"Grace Greenwood,"  
"Barton Grey,"  
Arthur T. Hadley,  
Edward Everett Hale, D.D.,  
Ex-Prest. Rutherford B. Hayes,  
George H. Hepworth, D.D.,  
Pres. Atticus G. Haygood,  
William D. Howells,  
"H. H."  
Sarah Orne Jewett,  
Sidney Lanier,  
Dr. Dio Lewis,  
Louise Chandler Moulton,  
Phillip Bourke Marston,  
Joaquin Miller,  
Pres. Noah Porter, D.D., LL.D.,  
Prof. A. S. Packard, Jr., M.D.,  
Prof. John A. Paine,  
Margaret J. Preston,  
Elizabeth Stuart Phelps,  
Prof. A. H. Sayce, Oxford, Eng.  
R. H. Stoddard,  
Philip Schaff, D.D.,  
Harriet Prescott Spofford,  
Edmund Clarence Stedman,  
Newman Smyth, D.D.,  
Egbert C. Smyth, D.D.,  
Mrs. Launt Thompson,  
J. T. Trowbridge,  
Celia Thaxter,  
Prof. C. H. Toy, D.D.,  
Jos. F. Tuttle, D.D.,  
Rev. C. C. Tiffany,  
John Greenleaf Whittier,  
Pres. Theo. D. Woolsey, D.D., LL.D.,  
Prof. Wm. C. Wilkinson, D.D.,  
Sarah C. Woolsey,  
Prof. G. F. Wright,  
Susan E. Wallace,  
Wm. C. Ward, London, England,  
Geo. Washburn, D.D.,  
Mary E. C. Wyeth,  
Pres. D. H. Wheeler, D.D.,  
Prof. Charles A. Young,

**ANNOUNCEMENT.**  
DURING the next few months we shall publish stories by a number of the most talented writers, among them the following: W. E. Norris, author of "Matrimony," "No New Thing," etc.; F. Marion Crawford, author of "Mr. Isaacs," "Dr. Claudius," etc.; W. D. Howells, author of "Our Wedding Journey," etc.; J. S. of Dale, author of "Guerndale," Edward Everett Hale, author of "Ten Times one is Ten," etc.; Julia Schayer, author of "Tiger Lily and Other Stories;" Rebecca Harding Davis, Sarah Orne Jewett, etc., etc.

**TERMS OF SUBSCRIPTION.**  
One Subscription one year.....\$3 00  
For 6 months, \$1 50; for 3 months..... 75  
One Subscription two years..... 5 00  
One Subscription five years.....\$10 00  
Any number over five at the same rate,  
Invariably with one remittance.

**"TRIAL TRIP."**  
In order that one may read a few consecutive numbers of THE INDEPENDENT, and thus learn its value, we offer a month's subscription, as a "Trial Trip," for 30 cents, which can be remitted by postage stamps. Payment of \$2.70 in addition will secure the balance of a year's subscription.  
Send postal card for free Specimen Copy, and judge for yourself. Address,  
**THE INDEPENDENT,**  
251 BROADWAY, NEW YORK.



THE  
SHERWIN-WILLIAMS  
PAINTS,  
A Higher Grade than others in  
the market.

Valuable information regarding these Paints, also  
suggestions as to correct contrasts and harmony of  
colors, in pamphlet form, free to any one applying  
for them.

SHERWIN, WILLIAMS & Co.,  
CLEVELAND and CHICAGO.

H. M. LAWRENCE,  
Ceilings, Friezes & Wall Surfaces,  
Designs or Completed Work,  
No. 9 EAST SEVENTEENTH STREET,  
NEW YORK.

C. OTTO FICHT,  
DESIGNER AND ARTIST IN  
Fresco Decorations,  
896 BROADWAY, ROOM 10,  
NEW YORK.  
Established since 1845.

JOHANSMEYER & KOENKE,  
Artists in Fresco,  
PAPER HANGING, PLAIN & SIGN PAINTING,  
No. 960 THIRD AVENUE,  
Bet. 57th & 58th Sts. NEW YORK.  
Churches, Halls, Private Houses, Hotels, Stores,  
Offices, &c., Frescoed and Painted in the best manner  
and latest style. Orders by mail attended to.

P. ROZIES,  
Painting, Fresco & Decorative Artists.  
House Painting a specialty at moderate prices.  
Specialite de Peinture pour Batiments.  
169 WOOSTER ST., NEW YORK.  
My preparation of Colors used in House Painting  
enables me to do work cheaper than before. Send for  
estimates.



HERMAN ANSPACHER,  
Decorative Art Designer & Painter  
FOR DWELLINGS AND CHURCHES,  
957 Sixth Avenue, near 53d St.  
NEW YORK.

WADSWORTH HOWLAND & CO.  
84 WASHINGTON ST.  
BOSTON  
Importers & Dealers  
ARTISTS' MATERIALS  
DRAUGHTSMAN'S  
WOOD STAINS & FILLERS  
PAINTS OF ALL KINDS.  
MANUFACTURERS OF VARNISHES  
and  
BAY STATE PAINTS

BRONZE POWDERS, BROCADES, FLITTERS, LEAF OF ALL KINDS INCLUDING VARIEGATED

The Publisher will furnish the name  
and address of the maker of goods men-  
tioned in this column. In order to avoid  
the appearance of advertisements, no name  
will be attached to notices herein.

HINTS AND NOTIONS.

To clean brass and copper. Somebody  
says large articles of brass and copper which  
have become very much soiled may be cleaned  
by a mixture of rotten stone (or any sharp  
polishing powder) with a strong solution of  
oxalic acid. After being thoroughly cleaned,  
the metal should be wiped off with a cloth  
moistened with soda or potash, and a very  
light coating of oil should be applied to  
prevent the further corroding action of the  
acid. A more powerful cleaning agent, be-  
cause very corrosive, is finely powdered bichro-  
mate of potash mixed with twice its bulk of  
strong sulphuric acid, diluted (after standing  
an hour or so) with an equal bulk of water.  
This will instantly clean the dirtiest brass, but  
great care must be taken in handling the  
liquid, as it is very corrosive. Brass which has  
been lacquered should never be cleaned with  
polishing powders or corrosive chemicals.  
Wiping with a soft cloth is sufficient, and in  
some cases washing with weak soap and water  
may be admissible. Dry the articles thorough-  
ly, taking care not to scratch them, and if after  
this they show much sign of wear or corrosion,  
send them to the lacquerer to be refinished.

The Venus of Milo, the gem in the Louvre  
sculpture collection, has again been separated  
into three fragments, and with all due care  
placed in a storing room. The gallery in  
which it used to stand had no vaults under-  
neath, damp was damaging the plaster used in  
the restoration of most statues, and even  
marble was affected. Sheets of lead placed  
under the plinths had proved of no avail, a  
proper basement is therefore to be built, and  
heating stoves fixed. Meanwhile a plaster cast  
of the Venus has been erected in a gallery  
close by. The excavations have brought to  
light an oratory dating probably from times  
anterior to Francis I. Here is an opportunity  
for some Parisian dealer in bric-brac to start a  
libel suit and advertise his business.

An apparatus for extinguishing fires  
has been patented. The invention relates to a  
new method and apparatus whereby air is  
deprived of its oxygen and vitiated with  
carbonic acid and other products of combus-  
tion, by passing through or over a fire, then  
forcing or drawing this air deprived of power  
of supporting combustion through the burning  
structure.

An improved lamp has been patented. It  
is especially designed to attach to sewing  
machines, pantry shelves, kitchen tables, etc.,  
so as not to be knocked down or thrown off its  
supporting surface, and has a novel construc-  
tion of attached bracket or clamp with a spring  
hold, which may also be used as a handle for  
carrying the lamp.

A writer in a scientific monthly asks:  
"What is a meter?" In reply a jocular editor  
said: "An opinion has long prevailed that a  
meter is a contrivance that works twenty-seven  
hours a day eight days a week the year round;  
and when you resolve to economize in the use  
of gas it throws in a couple of extra hours  
daily without charge."

An improved metallic plastering surface  
has been patented. The wire cloth used has  
corrugations or ribs, to increase its stiffness  
and firmness, and so that it may be fixed to the  
joists and studding by means of common  
staples, the ribs being placed transversely to  
the joists and studding.

A refrigerator has been patented in which  
the valves, vents, or other openings leading to  
the cold air chambers from the ice may be  
opened and closed from the outside of the  
refrigerator, so the warm air may be excluded  
from the main part when the door or window  
of one of the chambers is opened.

A fire escape has been patented. It is the  
design of this invention to use the force of  
gunpowder or similar explosive for elevating  
ladders to the roof or windows of buildings in  
case of fire, by a specially devised mortar  
working in a swivel on a light carriage, and a  
peculiar construction of chain ladder.

An improved fire escape has been patent-  
ed. It is a special arrangement of cage or  
frame adapted to slide down a standard, with  
ropes or cables and pulleys, counterbalancing  
weight and spiral spring, so the cage or frame  
will be ready under command to move up or  
down, or fast or slow.

Birch bark is utilized for printing menus  
upon, etc.

Sofa cushions stuffed with down are  
luxurious.

SOLID RELIEF,  
The New Decoration for Side Walls and Ceilings.

PATENTED JULY 24, 1883.

Artistic, Durable, and Impervious to atmospheric influences. Special and  
Exclusive Designs in these materials.

ARTMANN & FECHTELER,  
Fresco Painters and Designers,  
966 SIXTH AVENUE, NEW YORK.

Fresco and Architectural Works.

DRAUGHTSMEN'S SUPPLIES, CARVERS, LITHOGRAPHERS AND ENGRAVERS' DESIGNS.

Artists' Materials Generally.

JANENTZKY & WEBER,  
1125 Chestnut Street, Philadelphia.  
SEND FOR CATALOGUE.

JOHNSTON'S PATENT STANDARD  
Dry Sized Kalsomine & Fresco Paints,

FOR WHITENING AND DECORATING WALLS AND CEILINGS.

Ready for Use by the Addition of Water Only.

Pure White and a variety of Choice Tints.

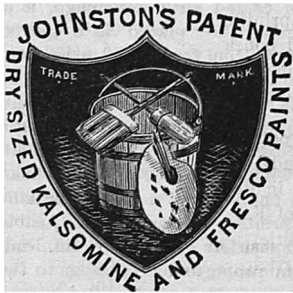
THE GENUINE AND ONLY SUITABLE ARTICLES

FOR THE PURPOSE MANUFACTURED.

Have taken Eight First-Class Awards.

Beware of worthless imitations, under various names, claiming  
superiority over Kalsomine. Ask any reliable Paint, Drug or Hardware  
Dealers for them, or write for sample card and testimonials to

Dry Kalsomine and Fresco Paint Works,  
206 WATER ST., NEW YORK.



C. J. BREIDBACH & SON;

MANUFACTURERS OF

CARMINE PASTE, CARMINE NACARATE,  
Carmine No. 40 and all Fine Lakes.

Our Carmine Paste and Carmillon, in oil or water, are highly recommended by all  
eminent Fresco Painters throughout the United States. Sold at all principal Painters  
Supply Stores.

MOTT AVENUE AND 144TH ST., NEW YORK.

Charles Genschler,  
Fresco Painter and Designer,  
NO. 918 SIXTH AVENUE,  
Corner 52d Street, NEW YORK.

H. EDGAR HARTWELL,  
DESIGNER AND DECORATOR,  
No. 28 WEST 23D STREET,  
NEW YORK CITY.  
FURNITURE, MOSAIC GLASS,  
FRESCOS, EMBROIDERIES,  
INTERIOR WOOD WORK.

W. NIELSON & SON,  
Decorators in Solid Relief,  
PATENTED APRIL 10, 1883, AND  
DESIGNERS IN FRESCO.  
No. 1535 Broadway, New York.

Messrs. LOUIS\* — & CO.,  
DESIGNERS AND DECORATIVE ARTISTS IN FRESCO,  
LINCRUSTA WALTON,  
Papier Mache and all the Latest Inventions in Relief Decoration,  
Office and Show Room, 1193 BROADWAY, Studio 31, NEW YORK.  
\*LOUIS W. HNATKOWSKI. SKETCHES, SAMPLES AND ESTIMATES ON APPLICATION

SALEM LEAD COMPANY,  
PURE WHITE LEAD,  
Lead Pipe and Narrow Sheet Lead,  
SALEM, MASS.

ARTHUR DIXWELL,  
Art Furniture and Interior Decorations,  
No. 4 PARK STREET, BOSTON.  
Leather Work a Specialty.

Branch Store, No. 123 Bellevue Avenue, Newport, R. I.

**PHOTOGRAPHY.**

By enclosing a Three Cent Stamp to our address, we will send Catalogue and Circulars giving full descriptions of our

**AMATEUR PHOTOGRAPHIC OUTFITS,** Which are intended especially for Manufacturers, Decorators, Architects, and all who wish to preserve facsimiles of their work.

With one of our Outfits, and the Guide Book which accompanies it, no instructions are necessary.

*No Poisonous Chemicals or Disagreeable Odors.*

We manufacture Cameras of every description, and make Dry Plate Outfits a specialty. Send to us before purchasing and you will be convinced that we have the best as well as the cheapest Outfits in the market.

**The Blair Tourograph & Dry Plate Co.,**  
471-5 Tremont St., BOSTON, Mass.

**OTTO ZAENKER,**

253 West Forty-first Street, near Eighth Ave., New York. Takes this occasion to announce to the public and his old customers that he is prepared to execute all orders and work in his especial line in the best manner and at reasonable prices.

**Upholstery, Shades, Hair Mattresses & Pillows** Made in the best manner, also Repairing and Varnishing Fine Furniture. Carpets Cut and Laid in the best manner and with despatch.

**ALBERT STREHAN,**

SUCCESSOR TO

**A. WINTRAECKEN & CO.,**

Wholesale Manufacturers of

**FRAME, CAR, CORNICE, ROOM**

**AND DECORATIVE MOULDINGS**

**Window Cornices and Curtain Poles,**

**PIER AND MANTEL MIRRORS**

AND

**PICTURE FRAMES,**

**No. 163 Bleecker Street,**

FORMERLY OF MERCER STREET,

**NEW YORK.**

**MAURICE O'BRIEN & SONS,**

MANUFACTURERS OF FINE

**UPHOLSTERY**

**And DRAPERY**

**TRIMMINGS,**

**Nos. 90 & 92 Bowery,**

**NEW YORK.**

**TITSINK & PHILLIPS,**

MANUFACTURERS OF

**Bronzes and Artistic Gas Fixtures.**

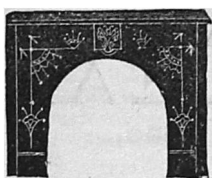
SPECIAL WORK FURNISHED FROM PRIVATE DESIGNS.

**No. 207 Centre St., New York.**



**E. G. SOLTSMANN,**  
**Drawing Materials.**  
**BLUE PROCESS PAPER**

**AND**  
**COPIES OF TRACINGS,**  
**119 Fulton Street, New York.**



**CHAS. B. KLINE,**

MANUFACTURER OF  
**Artistic Slate**

**MANTELS**

**420 North Third Street,**  
**PHILADELPHIA, PA.**

SEND STAMPS FOR CATALOGUE.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

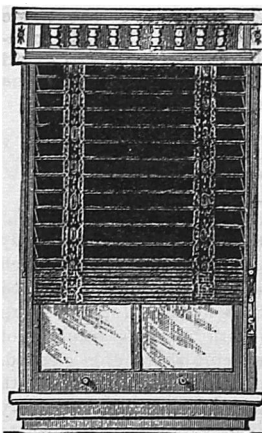
**HINTS AND NOTIONS.**

A new art of photo-engraving metallic plates, to be used for printing and ornamental purposes, which is called galvano-engraving, is announced. To make an engraving, suitable metallic plates are prepared, which have the smoothness and polish of glass, and a photographic negative on a glass plate of the subject to be engraved having been obtained, the operator covers one of the polished plates with a bichromated gelatine film, places the photographic negative upon it and exposes it to the light. The action of the latter renders the gelatine insoluble, so that when the negative is removed, and the gelatine plate washed, all the gelatine on the surface of the plate is removed except the duplicate of the lines of the photograph, which remain in relief. The proof is placed for some hours in a damp place, where the lines are brought up in relief, and after the proof has been coated with plumbago, it is applied to a metal alloy placed in a special vessel having a bottom formed of a smooth, strong metallic plate. Into this vessel the liquid metal is poured, the gelatine proof immediately applied on the metal, and the whole being covered by a second smooth metallic plate, which closes the vessel, momentary pressure is applied, and a hollow metallic plate ready for printing is formed. The fusible alloy employed consists of bismuth, tin, lead, and mercury, in proportion according to the degree of hardness desired.

**Kandyan pottery.** The Art Work Association at Kandy, in Ceylon, has raised a voluntary loan in order to secure the proper representation of Kandyan art at Calcutta, and the following brief sketch from the Ceylon papers of the articles which have been already sent with this object may not be without interest: The principal objects are those in the pottery known as "Embekke ware." Besides these there will be two series of large tiles of considerable curiosity. One consists of twenty scenes from the great annual parahera, as it is carried on at the present day. The second series represents a story of very great antiquity, preserved in the Pali language, known as the "Dharma Sonda Vatthu," or the tale of "The King who was intoxicated with the law." It consists of eleven pictures in all, and depicts, by means of an allegory, the severe struggle between early Buddhism and triumphant Brahminism. A third series of smaller tiles represents what are known as the "Nawa Nari Kunjari" designs, in which the figures of from four to nine men or women are ingeniously worked into the shape of a horse, an elephant, a flower vase, etc. There will be a selection of brass work, Kandyan swords and knives, Dumbura mats, lacquer work, and ivory carving.

A new house in Belchertown, Mass., is thus referred to by Messrs. Whitney and Adams of Springfield: "The main hall, extending from the front to the rear balcony, is forty feet by twelve, and is finished in such a way as to make it an especially attractive apartment. The substantial ceiling beams cased in cherry and separated by sheathing of the same material in deep panels, the broad cherry staircase on the right, with bannisters of Moorish work, and the two open fire-places with carved cherry mantels on the left, make up a very pleasing combination. In the upper hall the cherry ceiling is strikingly arched over the stairway and there is a large skylight of stained glass. The floor is of oak and has an inlaid border made up of mahogany, holly, maple and cherry. The windows over the front door have the new style of jewelled glass, and on the sides of the main entrance are the figures "Spring" and "Fall" in stained glass, the large figure of "Summer" appearing in the rear of the hall."

A combined table and desk has been patented. It is simple in construction, and can be readily adjusted for use either as table or desk, or both, the desk part being arranged to be drawn out of the table frame or pushed back into the same without disturbing articles on the table.

**THE CELEBRATED PHILADELPHIA Venetian Blinds,**

Of all sizes, kinds and qualities, Upholstered in the best manner and furnished at short notice. In various shades of GREEN, BROWN, DRAB, BLUE, STONE COLOR, LAVENDER, TAN COLOR, OLIVE, SAGE OR BOTTLE GREENS.

In Light, Medium, or Dark Tints, or made of Natural Woods, such as Black Walnut, Chestnut, Cherry, Spanish Cedar, Mahogany, Maple, Cypress, Ash or Poplar, in either Varnish or Oil Finish.

Made of Slats, 1 1/4, 1 1/2, 1 3/4, 2 or 2 1/2 inches wide, with Linen, Worsted or Silk Trimmings.

These Blinds will fit any window, without alteration to window frames, and are much better and cheaper for Bay Windows than inside shutters.

Used and recommended by the leading Architects of the country.

When estimates are desired, please give exact size of sash (or sash openings).

Illustrated Circular on application. Please mention this paper.

MANUFACTURED BY

**EDWIN LOUDERBACK & CO.,**

Nos. 413 & 415 South Fifth Street, Philadelphia, Pa., U. S. A.

**L. R. HARTUNG**  
317 EAST 22nd ST.  
**INLAID FLOORS**  
NEW YORK

**Substantial, Solid and Veneered**

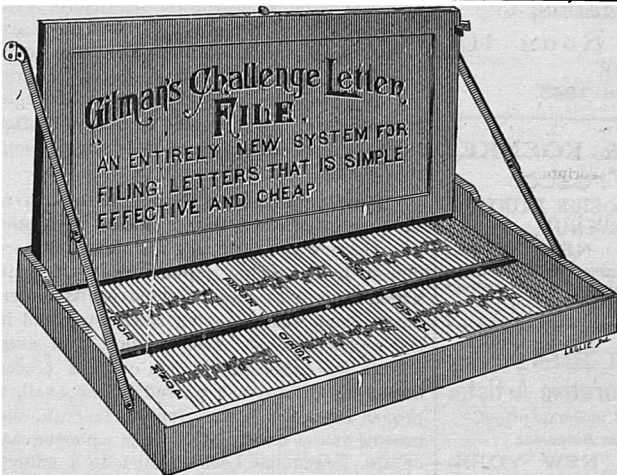
3/4 and 1 1/4 thick,

FURNISHED IN SECTIONS, NEW DESIGNS.

**NO WOOD CARPETING.**

Kiln Dried Staff, Best Workmanship, Best Facilities, Largest Factory.

**AGENT FOR BOSTON HARD WAX POLISH.**



The annexed cut is a fac simile of one of

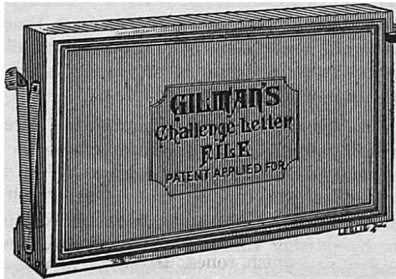
**GILMAN'S**

(Six Division)

**CHALLENGE**

**Letter Files**

Exhibiting a view of the File when open and affixed to the wall; also showing a view of the same when closed. As will be observed, this is an entirely new system of filing letters, from the fact that when the cover is raised immediate access is had to every one of the different filing divisions, thus obviating the necessity of pulling out drawers and raising springs or covers when wishing to file a letter or paper.



Our system saves time, and the price of our Files is from three-fourths to one-third less than other kinds. We place our

**Cabinet Letter Files**

**ON THIRTY DAYS TRIAL.**

Send for Circular and Price List.

**Challenge Letter File Co.,**

**178 DEVONSHIRE STREET,**

**BOSTON MASS.**

**THE NEW ENGLAND DECORATING MACHINE CO.**  
Manufacturers of  
**FINE CARVINGS**  
in  
**MAHOGANY, CHERRY, WALNUT, OR ASH,**  
FOR  
**FURNITURE,**  
**Cabinet Work,**  
**CHURCHES and DWELLINGS.**  
Catalogues and Prices of Designs  
mailed on Application  
Office 632-4 HARRISON AVE.  
**BOSTON MASS. U.S.A.**

**BEIN BROS. & CO.,**  
**CABINET-MAKERS.**  
**123 FIFTH AVE.,**  
**NEW YORK.**





PUBLISHED THE FIRST OF EVERY MONTH.

Reduced from \$1.50 to \$1.00 per Year.

## EVERYBODY WANTS IT

Who are interested in Building, Cabinet Making, House Decoration or Amateur Wood-work. Full of Designs for Houses, Cabinet and Amateur Work. Each number contains eight full sized pages of working Drawings. Sent to any address

One Year for \$1.00; Six Months for 50 Cents; Three Months for 25 Cents.

Address FRED. A. HODGSON, Manager,  
179 BROADWAY, NEW YORK, N. Y.

## PLYMOUTH PULPIT

The Weekly Pamphlet Edition of

HENRY WARD BEECHER'S

Sermons in Plymouth Church.

The only issue authorized by Mr. BEECHER; printed from ELLINWOOD'S STENOGRAPHIC REPORTS. No. 1, of this New Series was published October 11, 1882; they appear every Wednesday, ordinarily giving Morning Sermon, Prayers and indication of Scriptural Lesson, and Hymns sung.

"No living American preacher has so many hearers, readers and friends, who seek his cheering and comforting words, or so strongly influences for the good of his fellow-men. It is a vast audience that no building erected by man could contain. All over the country, in cities and in the distant forests, in the palace and in the cabin, the sad, the suffering, and the despairful turn to him for hope and rest. He has their hearts, and can supply their needs. It is impossible to estimate his influence in the formation of religious character in the United States."—*Boston Daily Globe*.

"A more vital, inspiring, attractive form of religious instruction it would not be easy to find; even in these days when 'the pulpit' is awaking to the fact that 'the pew' has become a reading, thinking, independent personality."—*Dover Morning Star*, N. H.

Price: SINGLE COPIES, 7 cents, of any Book-seller or Newsdealer. YEARLY SUBSCRIPTION, \$2; to CLERGYMEN or THEOLOGICAL STUDENTS, \$1 70. Subscriptions may begin with any Number, but it is better to begin with the Volume. Back numbers can be supplied.

Sample Copies Mailed Free on Application.

FORDS, HOWARD, & HULBERT,  
27 Park Place, New York.

## THE BEST

American Publication Devoted to  
Hygiene.—*New York Herald*.

## THE SANITARIAN.

1884.

## THE ABLEST

And Most Valuable Publication of the  
kind on the Continent.—*Milwaukee Liberal Age*.

## UNSURPASSED

In this Country.—*Waterbury Republican*.

Published Monthly.

\$4.00 a year; 35 cents a number.

A. N. BELL, NEW YORK.

THOMAS DONOHUE,

MANUFACTURER OF

## DUMB WAITERS

Safety Invalid Elevators, Hand Elevators for Stores, Factories, etc. Dumb Waiters of all kinds altered and repaired at very short notice.

237 East 42d Street,  
Near 2d Avenue. NEW YORK.

MURTAUGH'S

ORIGINAL AND STANDARD

## DUMB WAITERS

And General Hand Hoisting Establishment,  
145 & 147 East Forty-second Street,  
Near Lexington Ave., NEW YORK.

Safety Invalid Elevators a specialty. Established 1855. Nearly 87,000 of our arrangements now in use. Repairing or altering at the shortest notice. JAS. MURTAUGH.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

## HINTS AND NOTIONS.

**Coloring walls.** The best preparation for distemper is, says an authority on house painting, a thin flat coat of paint. "The wall should at first be sized with a mixture made of soap, alum, and a little glue, tinting the size or paint to color, if dark colors are to be used or the wall is rough, as church walls are. The distemper itself should never be put on in more than one coat, as it tends to peel if thick. The glue should be covered with water, allowed to stand over night, the non-absorbed water poured off, and the glue melted. The color, made up with pigment and fine whiting or Paris white (or zinc white for very fine work) to a paste, is now mixed with the glue, and applied cool." An absorbent wall requires, of course, a larger quantity of water. If oil be used the wall should be primed or sized. The first coat ought to be of white lead mixed with plenty of oil, a little japan, and some turpentine. The fourth or last coat should be made flat, well thinned with turpentine, but possess the full color intended. It is stated that the surface thus produced will bear cleaning with a damp cloth, although it contains little exposed oil. A wall with a smooth white sand finish, dry and hard, is necessary for coloring, and damp spots should be treated with shellac. For church walls, a rough floated surface is best for distemper. Stippling the wall surface is a method sometimes used for fine work, and is done by treating the walls with the butt of the bristles. A solid effect is obtained by the process if a full coat of color is given first. For wall colors, grays, greenish grays, or deep reds are suitable. Mr. W. Morris, in a list of wall colors, recommends a solid red, not very deep, but rather describable as a full, and toned with yellow and blue; a light orange pink to be used sparingly; a pale golden tint (yellowish brown) a very difficult color to hit; a pale copper color between these two; tints of green, from pure and pale to deepish and gray, always remembering that the purer the paler and the deeper the grayer. These are all tried and artistic colors. Perhaps a terra cotta red or pink is one of the most useful colors for halls and the dados of dining-rooms and staircases, where there is plenty of light. Tints of gray, from bluish to greenish tones, are suitable, and a salmon color is effective in a room full of cold light.—*The Plumber and Decorator*.

**A New System of Heating for Hot-houses.** Hot-houses are being widely introduced into Italy. In these generally the air is heated, which again warms the earth. A Turin inventor, M. Ciria, has reversed the procedure, and has run hot water through the earth which he wishes to warm. The hot baths of Acqui are supplied by a hot spring. After the various purposes of the establishment have been served by it, this water still retains a serviceable amount of heat. M. Cirio has made at the side of the baths a garden inclosing 500 square metres, and by means of earthen ware pipes has made the water leaving the baths to circulate under the ground in all directions. He has planted 10,000 asparagus roots, 4,000 chicory, and 4,000 plants of Roman lettuce, besides strawberries. In passing it may be said that the Japanese have adopted similar methods; the waters of hot springs about Tokio are about to be experimented with in a similar way, and the volcanic heat of certain districts in Japan is also to be utilised, by conducting the heated air from subterranean wells and bringing it to the surface.—*London Furniture Gazette*.

Many persons are not aware that glass can be cut under water with great ease to almost any shape by simply using a pair of scissors. In order to insure success the points must be kept quite level in the water while the scissors are applied; and, secondly, to avoid risk, it is better to begin cutting by taking off small pieces at the corners and along the edges and so reduce the shape gradually to that required. When the operation goes on well the glass breaks away from the scissors in small pieces in a straight line with the blades. The two hints given above, if strictly followed, will always insure success.

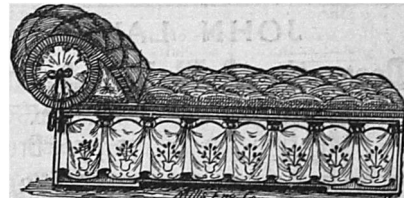
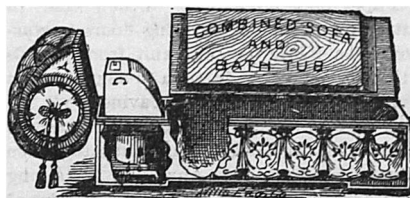
Pencil drawings may be preserved by pouring over them, when stretched upon the drawing-board, a thin solution of gum arabic or the white of an egg dissolved in dilute ammonia water by agitation with broken glass.

**Drilling glass.** Holes may be drilled in glass, says the *Pharmacist*, by a good steel drill wetted with a saturated solution of camphor in oil of turpentine.

## Combined Sofa and Bath Tub.

THE COMMON SENSE INVENTION OF THE AGE.

Is Practical, Convenient, Economical, Comfortable, Portable, Complete and Cheap.



In presenting this valuable combination to the public we are supplying a long-felt want, and placing a household necessity within the reach of all. It is not only a handsome and desirable piece of household furniture, but combines with it the best of bathing facilities. A full-sized Bath Tub, with water tank of 18 gallons capacity, the most improved Heating Device and complete Waste Water Attachments.

There is also provided a large rubber apron, that buttons on to the inside of outer edge of Bath Tub, folding over the front and covering the carpet one yard, thereby forming a perfect protection to the upholstery and carpet.

The combination can be upholstered appropriately for any room, and the bath used as satisfactorily as if taken in the most modern of bath-rooms.

For full particulars, as to styles of Upholstering, Prices, etc., address,

BRUSCHKE &amp; RICKE,

Sole Manufacturers,

257 Division Street, Chicago, Ill.

## D. Lothrop &amp; Co.'s Popular Annuals.

## Wide Awake---1883---Vol. P.

"Wide Awake," the best, the largest, the most entertaining, the most beautifully illustrated, and the widest in range of all annuals for young people. Gives the finest and freshest stories and poems now prepared for young people; also entertaining articles by travelers, explorers and specialists in natural science; bright papers about housework and cooking and home decoration; chatty papers upon the national affairs of all countries; articles on bodily health and strength; delightful lessons in home carpentry, hunting, fishing, camp-life—in short, all topics and pursuits which concern young folks, all their hopes, dreams, sports, plans and pleasures are taken up in "Wide Awake" by training, discerning, sympathetic and lively writers.

## Babyland.

Chromo Board Covers, 75c. Cloth, extra, \$1.

Baby's own library, full of everything that will keep baby sweet, and winsome and happy. Lovely illustrations, elegant paper and exquisite cover by G. F. Barnes. Bound volume for 1883.

## Our Little Men &amp; Women.

Illuminated board covers, \$1.50; extra cloth, gilt, \$2.

No periodical ever sprang so rapidly into surprising popularity. The bound volume now offered is the magazine complete for 1883. It is in every particular the most attractive volume issued for young readers. Seventy-four full-page pictures.

## The Pansy.

Chromo lithograph covers, \$1.25; cloth, extra, \$1.75.

This weekly periodical is edited by "Pansy" (Mrs. G. R. Alden). It is "Pansy's" favorite, and all her friends are flocking to her support. The bound volume for 1883 appears in a charming cover designed by G. F. Barnes, containing more than 400 pages of the choicest literature for children and young people, and 300 fine illustrations.

## Chautauqua Young Folks' Annual.

Sure to gratify some special taste of every member of the household, and full of help and aids, whether it be that one wishes counsel as to a course in literature, or the best way to keep a house cool in summer, or would like to experiment with the microscope, or to take a set of exercises for development, or to read stories of adventure, or to set up a workshop of one's own—in short, a choice volume of perennial value. Quarto, \$1.50.

## The Family Flights.

By Rev. E. E. Hale, and Miss Susan Hale. Quarto, cloth, illustrated, price \$2.50.

"A Family Flight Through Spain." This handsome volume, together with the two previous "Family Flights," certainly differ from other works of its class, by not having been written in the library at home, its matter skillfully drawn from various books of travel, but being an actual record of actual travel, the authors having visited Spain last year. The style of the narrative is highly picturesque, with rapid movement and "interesting situations."

## All Aboard for the Lakes and Mountains.

By Edward A. Rand. Boards, \$1.75; extra cloth, bevelled and gilt, \$2.25.

Mr. Rand writes of famous lakes and mountains in the most entertaining and instructive manner. The two boys, Ralph and Rick, are important personages in the present story, and their journey is made all the more realistic by the nearly two hundred pictures which illustrate the book.

## Decorative Plaques.

Designed by G. F. Barnes, verses by Mary E. Wilkins. Chromo cover, \$1.75. Unique Binding, \$1.50. Beautiful and picturesque design, each set to a harmony of words; a real novelty in book-making; appealing alike to lovers of illustrated poems, and to amateur and professional decorators.

## How the Rain Sprites were Freed.

By Davida Coit. A fascinating story in the German style, with full-page colored illustrations and imaginative cover by F. Childe Hassam. \$1.

## Who Told it to Me.

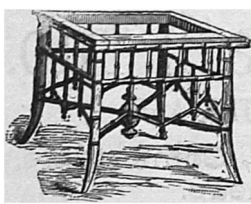
A charming new story by Margaret Sidney, author of "What the Seven Did," "Five Little Peppers," etc., etc. Delightfully realistic, it is brilliant and strong, and written in the pure style for which this author is justly becoming so famous. Illustrated, \$1.25.

## D. Lothrop &amp; Co.'s New Publications.

"Donal Grant," a new novel by George MacDonald. 12mo. 786 pp. \$1.50.  
"The admirers of this popular story-writer will be glad to welcome this latest and best work, which by the enterprise of D. Lothrop & Co. is published in America before its issue in England."  
"The Imagination and Other Essays," by George MacDonald. \$1.50.  
Thoughtful, reverent, and full of deep human sympathy.  
"Their Club and Ours," by John Preston True. Thirty-six illustrations. \$1.25.  
A genuine boys' book of adventures.  
"Keenie's To-morrow," by J. M. D. Conklin. \$1.25.  
Keenie is a true heroine at home.  
"Hill Rest," by Susan M. Moulton. \$1.25.  
A charming story, throbbing with intense life, genuine life, too, in the bright gay circle of Hill Rest and the wretched hovels of Heathvale, as well.  
"Around the Ranch," by Belle Kellogg Towne. \$1.25.  
This is another of the V. I. F. Series; sparkling and effervescent as a glass of soda water, and quite as refreshing. The writer is an apt reader of human nature, and excels, too, in her description of the wonderful mountain scenery of Colorado.  
"Who is Responsible?" by Rev. Wm. F. Smith, Pastor of the Baptist Church, Somerville. \$1.25.  
"From the Hudson to the Neva," forty original illustrations. \$1.25.  
Another bright book of travels for the boys.  
"Thucydides," An English translation by B. Jewett, A. M., Professor of Greek in the University of Oxford, with a marginal analysis and an index. 8vo. \$3.50.  
This magnificent edition is an American reprint of the English work, with the sanction of the translator, and contains a prefatory endorsement of its merits from the pen of Dr. A. F. Peabody. The print and paper are all that could be desired, the index copious, and the date of the events narrated upon each page is to be found at the top, expressed according to English and Greek methods of chronology.  
"Young Folk's Life of Washington." (Young Folks Biographies.) By E. E. Brown, author of "Life of Garfield," "Night to Light," etc. 12mo, cloth, fully illustrated, \$1.50.  
"A History of the American People." By A. Thur Gilman, M. A. Crown 8vo, cloth, illustrated, gilt top, \$2.50; 12mo, \$1.50.  
The tone of the book is impartial, and the author, who has not been identified with political movements, has treated the subject from the strictly historical point of view. The addition of a series of documents illustrating the constitutional history of America will be a boon to students. The illustrations number 175; many of them are of the highest style of the engraver's art.  
"The Odyssey of Homer," done into English Prose, by Butcher and Lang. 12mo, extra cloth, \$1.50.  
The archaic English of this ideal translation adds not a little to the interest of the story, which will always be read with pleasure by young and old.

D. LOTHROP &amp; CO., 32 Franklin St., BOSTON, MASS.





**J. Lovezzo & Bro.**  
Cabinet Makers,  
**WOOD TURNERS**  
AND  
Manufacturers of  
Imitation Bamboo  
FURNITURE,  
117 PRINCE ST., N. Y.

**JOHN LAW,**  
**Decorative & Plain Painting.**

DESIGNS AND ESTIMATES FURNISHED.

1679 BROADWAY,

Between 52d and 58d Sts.

NEW YORK.

**Western Electric Co.,**

62 to 68 CHURCH STREET,

NEW YORK.

227 to 231 South Clinton Street,  
CHICAGO.

**Electric Bells,**

**Hotel and House Annunciators,**

**Burglar Alarms,**

**Automatic Fire Alarms,**

**ELECTRIC GAS LIGHTING**

FOR

**Churches, Theatres and Private Dwellings.**

Estimates on work in any part of the country  
furnished on application.

**ANDERSON'S PATENT**

**Automatic Window Sash Balance**

And Combined Felt and Rubber Parting Beads,  
acting as Weather Strips, requiring no nails  
to mar the windows; and Improved

**Patent Sliding Window Screens and Screen Doors,**

The only Patent Extension Screen that can be  
warranted to keep out flies and mosquitoes.

W. G. ANDERSON, 178 Washington Street, BOSTON, MASS.

**J. W. GATHARD,**

No. 111 West 36th Street, New York,

**PAPER HANGING.**

Decorations, Frescoing, Kalsomining and  
Painting in all branches, done in the best workman-  
ship, at reasonable prices. Jobbing Work promptly  
attended to. You are respectfully invited to call and  
get estimates.

**JOHN CORCORAN,**

IMPORTER AND DEALER IN

**Fine Fresco Colors, Brushes,**

**BRONZE POWDERS, ETC.,**

143 East Forty-second St.,

Third and Lexington Aves.

NEW YORK.

**E. O. STUART,**

**Artistic Decorator in Paper & Fresco**

Also PLAIN PAINTING.

A choice assortment of Paper Hangings always in stock.  
Personal supervision and expedition of all  
work entrusted to me guaranteed.

756 SEVENTH AVENUE,

Between 49th and 51st Sts.

NEW YORK.

**THOS. J. STEWART,**

STEAM

**CARPET CLEANING**

And Renovating Works.

By the most advanced and complete systems in exist-  
ence. Having been engaged in the business for the past  
thirteen years, I can guarantee satisfaction in this all-  
important branch of home economy and health. Address  
1554 Broadway, N. Y., Telephone Call 376 39th St.  
AND ERLE AND 5TH ST., JERSEY CITY, TEL. CALL 155.

**PERFORATED PATTERNS.**

Thousands of letters on hand proving satisfac-  
tion. Fine paper, good designs, good test, durable  
patterns of any styles, on hand or made to order. Send  
for circulars. Try and you will be convinced. Send  
your name and address correctly to

A. BERNARD, 401 Canal St., N.Y.

The Publisher will furnish the name  
and address of the maker of goods men-  
tioned in this column. In order to avoid  
the appearance of advertisements, no name  
will be attached to notices herein.

**HINTS AND NOTIONS.**

**Paper floor covering.** A new kind of  
matting or carpet for covering floors is com-  
posed of a fabric woven or knit from strands  
or threads of paper in such a manner that  
when laid upon a floor it will serve all the  
purposes of ordinary straw matting or textile  
carpets, and can be cleansed by washing when  
necessary or desirable. Any kind of strong  
paper is taken and cut or formed into strips of  
the required or suitable size, and then twisted  
or spun into strands or threads. If a fine  
texture is required, the strips are made smaller  
than where a coarse texture is preferred; but  
in either event the twisted or spun strand or  
threads are woven or knit into a fabric by any  
of the well-known methods practiced in  
weaving or knitting textile material. Before  
or after the paper strands or threads are woven  
or knit into the matting or carpet, the paper  
may be rendered water-proof by saturation or  
impregnation with any known water-proofing  
material; or it may be otherwise chemically  
treated in order to strengthen it and permit the  
use of water or other cleansing fluid in wash-  
ing the floor covering when desired to free it  
from dirt or stains, and it may also be treated  
with carboic acids or other material to prevent  
the ravages of insects. If the strips of paper  
are properly and tightly twisted or spun into  
strands or threads and closely woven or knit  
the fabric can be subjected to a moderate  
amount of washing without liability to injury.  
The strips of paper may be formed very narrow  
and spun or twisted with strands of yarn; or  
the twisted paper strands may be woven or  
knit with some suitable animal or vegetable  
matter, the strips of twisted paper forming the  
warp or the woof, and the animal or vegetable  
matter forming the warp or woof as desired.  
Paper strands or threads produced from  
different colored papers produce a variety of  
designs in the fabric during the process of  
weaving or knitting, as well as the various  
designs that are produced in ordinary tapestry,  
and the fabric can be woven or knit into any  
determined dimensions to be fitted to the floor  
of an apartment, so that the floor covering will  
be in a single piece. Paper produced from  
what is known as the "palmetto leaf," is  
preferred for this use, as it is strong and  
durable; but it is obvious that paper produced  
from other substances can be used.

An admirable material for interior  
decoration, to be used instead of marble, has  
been introduced. The base of this product is  
slate, which, after being suitably cut and  
trimmed, is scoured with pumice stone, then  
rubbed with powdered pumice stone, and  
polished with felt. The slabs, having been  
painted with the desired groundwork color,  
now undergo a dipping process. A vat, con-  
taining water mixed with ox gall, and on  
which the colors are floated, is provided; a  
brush is dipped in the color and sprinkled on  
the surface, then the water is fanned with a  
palm leaf, and the brush drawn through  
several times. The mixed paint spreads on the  
surface of the water like veining in marble,  
and the slab is then lowered until it touches  
the surface, when the floating color adheres to  
it. Drying, baking, and polishings finish the  
work.

To remove rust. A mixture of paraffin  
oil and emery powder rubbed on with a piece  
of tweed cloth makes steel as bright as a  
button. But, as "prevention is better than  
cure," we may add that to prevent formation  
of rust the bright steel should be painted with  
wax varnish, made by dissolving one part of  
solid paraffin in fifteen parts of benzole. This  
is a much more cleanly application than such  
fatty compounds as blue ointment, and is  
eminently suitable for steel grates, fire irons,  
and the like.

**THE PATENT SOLID LEATHER**  
**DECORATIVE NAILS AND TUFTING BUTTONS,**  
MANUFACTURED BY THE  
**AMERICAN SOLID LEATHER BUTTON CO.**  
PROVIDENCE, R. I., U. S. A.  
IN VARIOUS STYLES AND ALL SHADES AND COLORS,  
FOR FURNITURE, RAILWAY CARS, CARRIAGES, SADDLERY, &c.,  
AND IN GOLD, SILVER AND COPPER BRONZED EFFECTS,  
**FOR WALL AND CEILING DECORATION.**  
ENDORSED BY THE FINEST TRADE THROUGHOUT THE WORLD.  
For Sale by Leading Dealers Everywhere.

**STEAM CARPET CLEANING WORKS OF**

**P. FREEMAN, successor to Every & Freeman,**

226 & 232 East Forty-second St., New York.

To my Friends and the Public.—Send your orders. I guarantee that all Carpets will be  
thoroughly cleaned and freed from moth, dust, spots and stains, and we air Carpets thoroughly. I have a  
reliable system for Packing Carpets for store house or the summer, and warrant them from the ravages of moth.  
Carpets taken up, cleaned and relaid. Orders sent by mail, also work from out of the city promptly attended to.  
We would respectfully announce to those having Fine Carpets to clean, that we have for a succession of years  
past done work for the house of Messrs. Pottier & Stymus Co., to whom we refer for our responsibility and work.

**FREDERICK ACKERMAN'S**

**Steam Carpet Cleaning Works,**

REMOVED TO 133 WEST THIRTY-SECOND STREET,

(Late of 137 West 32d Street.)

NEW FACTORY. NEW AND IMPROVED MACHINES. EVERY FACILITY FOR THE BEST WORK.

**HANKINSON'S Steam Carpet Cleaning Works,**

No. 15 East Twenty-seventh Street, between Fifth and Madison Aves., New York.

No connection whatever with any other House. The "Original Hankinson," and the Only One of that  
Name Established in this Business in 1861. Orders by mail or otherwise promptly attended to. No charge  
for cartage within city limits. Notify if Carpets are to be taken up.

**Open Air Carpet Cleaning Company,**

**M. WEBSTER'S SON,**

Fort Hamilton Avenue and 49th Street, New Utrecht, L. I.

OFFICES..... 359 CLINTON STREET, BROOKLYN.

SHEPPARD KNAPP & CO., THIRTEENTH ST. AND SIXTH AVE., NEW YORK.

All Carpets Cleaned and Aired Separately. No sticks used.

WAGONS IN CONSTANT ATTENDANCE.

Orders also received for the CLINTON RENOVATING CO.



Designer and Importer  
OF  
**ENGLISH & FRENCH**  
**Paper Hangings.**

Our New Designs in  
Fresco Painting for Ceil-  
ing Decoration are pro-  
nounced superb. We  
also furnish designs and  
estimates for Stained  
Glass and Fresco Paint-  
ing. Colored sketches  
where required. Skill-  
ful workmen in all the  
different branches sent  
to any part of the coun-  
try.

TELEPHONE CALL.  
601 Brooklyn.

**FROST & ADAMS,**

DEALERS IN

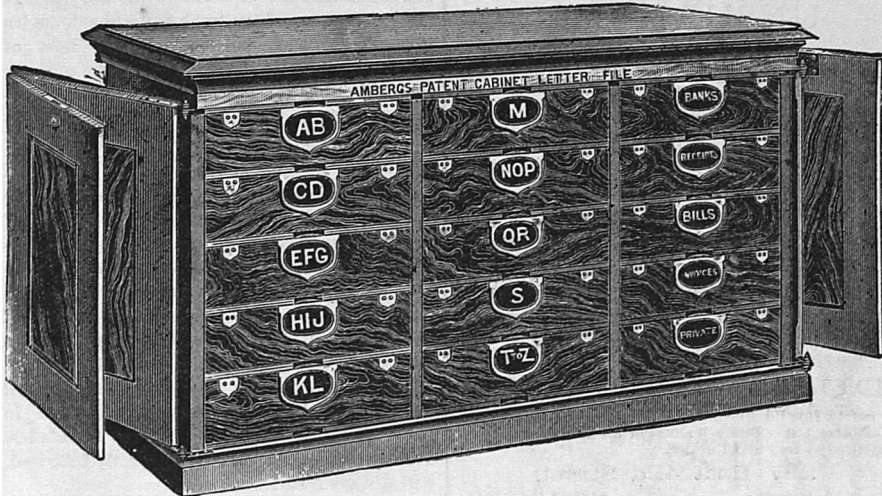
**Artists' Materials of Every Description.**

MATHEMATICAL INSTRUMENTS and STATIONERY for ARCHITECTS and ENGINEERS

37 CORNHILL, BOSTON.

ILLUSTRATED CATALOGUE SENT UPON APPLICATION.

**Amberg's "PEERLESS" Cabinet Letter File.**



OVER 6,000 IN USE.

These Cabinet Letter Files are made in many sizes, ranging from the smallest of six Files to  
those of one hundred or more. As lately improved, they combine all the desirable points wanted in a complete  
Letter File; are elegantly and substantially made, the woodwork being of the best seasoned Black Walnut,  
veneered, with fittings of brass and steel, nickel-plated. They can be arranged for any class of correspondence,  
and adapted to any requirement. Illustrated Catalogue on application to

**CAMERON, AMBERG & CO., SOLE MANUFACTURERS,**

69 Duane Street, New York.

71 & 73 Lake Street, Chicago.

27 Little Britain, London.

**"MORTON'S METAL" CHAMPION**  
AND  
Cable's Sash Chains and Patent Attachments.  
The most RELIABLE and CHEAPEST article in the market  
for suspending  
**WINDOW SASHES.**  
Has Great Tensile Strength.  
Can be easily applied to any window, and gives SATISFACTION  
wherever used. Samples sent to any ARCHITECT free on applica-  
tion. Now in use in all the leading cities throughout the  
United States.  
MANUFACTURED ONLY BY  
**THOMAS MORTON,**  
65 Elizabeth Street, New York.

“THE BEST THOUGHTS OF THE BEST THINKERS.”



THE GREATEST LIVING AUTHORS, such as Prof. Max Muller, Jas. A. Froude, Prof. Huxley, Rt. Hon. W. E. Gladstone, R. A. Proctor, Edw. A. Freeman, Prof. Tyndall, Dr. W. B. Carpenter, Frances Power Cobbe, Prof. Goldwin Smith, The Duke of Argyll, Wm. Black, Miss Thackeray, Mrs. Mulock-Craig, Geo. MacDonald, Mrs. Oliphant, Jean Ingelow, Thomas Hardy, Francis Galton, W. W. Story, Matthew Arnold, Ruskin, Tennyson, Browning, and many others, are represented in the pages of

Littell's Living Age.

During the forty years of its publication THE LIVING AGE has met with continuous commendation and success. In 1884 it will furnish to its readers the productions of the most eminent authors above-named and many others, embracing the best Serial and Short Stories by the Leading Foreign Novelists, and an amount

Unapproached by any other Periodical

in the world, of the most valuable Literary and Scientific matter, from the pens of the foremost Essayists, Scientists, Critics, Discoverers and Editors, representing every department of Knowledge and Progress.

THE LIVING AGE is a weekly magazine, giving more than

THREE AND A QUARTER THOUSAND

double-column octavo pages of reading matter yearly. It presents in an inexpensive form, considering its great amount of matter, with freshness, owing to its weekly issue, and with a satisfactory completeness attempted by no other publication, the best Essays, Reviews, Criticisms, Tales, Sketches of Travel and Discovery, Poetry, Scientific, Biographical, Historical and Political Information, from the entire body of Foreign Periodical Literature.

The importance of THE LIVING AGE to every American reader, as the only satisfactory fresh and COMPLETE compilation of an indispensable current literature,—indispensable because it embraces the productions of

THE ABLEST LIVING WRITERS,

Is sufficiently indicated by the following

OPINIONS.

“We know of no equal to THE LIVING AGE for variety of information, depth of interest, and purity of tone. Its pages are sufficient to keep any reader abreast with the best printed thoughts of the best of our contemporary writers. . . . It is the great eclectic of the world.”—*Episcopal Register, Philadelphia.*

“It becomes more and more necessary, as well as valuable, as the field of periodical literature broadens. . . . It has no peer.”—*Zion's Herald, Boston.*

“It flourishes in even more than youthful vigor. It has become indispensable.”—*New York Observer.*

“From the first it has sustained the highest character. . . . Its readers are supplied with the best literature of the day. . . . There is nothing noteworthy in science, art, literature, biography, philosophy, or religion, that cannot be found in it. . . . It gives in accessible form the best thought of the age.”—*The Churchman, New York.*

“No other periodical gives so diversified a view of current literature, not by abridgments, but by publishing entire the best essays, criticisms, discussions, short stories and serial romances of the day. . . . It is for readers of limited leisure or purse the most convenient and available means of possessing themselves of the very best results of current criticism, philosophy, science and literature.”—*Presbyterian Banner, Pittsburgh.*

“Through its pages alone, it is possible to be as well informed in current literature as by the perusal of a long list of monthlies.”—*Philadelphia Inquirer.*

“The best and freshest thoughts of the day are sure of a place in its pages, and whatever there is of interest in the literary and scientific world is spread before its readers.”—*Boston Journal.*

“No reader who makes himself familiar with its contents can lack the means of a sound literary culture.”—*New York Tribune.*

“Foremost of the eclectic periodicals.”—*New York World.*

“It furnishes a complete compilation of an indispensable literature.”—*Chicago Evening Journal.*

“Remarkably cheap for the quality and amount of reading furnished.”—*Montreal Gazette.*

“It is by odds the best periodical in the world.”—*Morning Star, Wilmington, N. C.*

Published WEEKLY at \$3.00 a year free of postage.

—\*\*—

Club Prices for the best Home and Foreign Literature.

[“Possessed of THE LIVING AGE and one or other of our vivacious American Monthlies, a subscriber will find himself in command of the whole situation.”—*Philadelphia Evening Bulletin.*]

For \$10.50 THE LIVING AGE and any one of the American \$4 Monthlies (or *Harper's Weekly* or *Basar*) will be sent for a year, postpaid; or, for \$9.50 THE LIVING AGE and the *St. Nicholas* or *Lippincott's Monthly*. Address,

LITTELL & CO.,  
BOSTON.



JOHN DALZIEL,  
1009 Arch Street, Philadelphia.  
Prompt attention. Best work.  
STRICTLY REASONABLE PRICES.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

HINTS AND NOTIONS.

A narrow shelf on simple brackets placed over a doorway, and painted like the wood-work of the room, is a pleasing and artistic addition, and can be easily put up by any carpenter. A few pieces of pottery, good in color and shape, though not necessarily rare or costly, may be grouped upon this shelf, forming a very effective decoration. In these days, when many of the better qualities of sauces and potted meats are put up in jars and jugs of really artistic form and color, it is not necessary to resort to old pie plates gilded and painted, or plaster figures colored to imitate brass and bronze. Some jugs of excellent shapes are found in a durable English ware in mottled olive or dark bright blue with a raised decoration, at very moderate cost. A plaque of beaten brass which anyone can make with a little skill and practice, an olive jug, a slender vase of brilliant yellow Japanese crackle, and a clouded blue-gray jar which can be found at the grocer's, and which, after it is emptied of its contents in the kitchen, is worthy of being promoted to the position of artistic bric-a-brac, will make an effective combination of color and shape, which will be a continual pleasure.

**Toughened glass.** Great strides in popular favor have just recently been made by what is known as “toughened glass,” which is employed in the manufacture of an endless number of goods usually looked upon and classed as fragile. Those who have not made an experiment with this glass should certainly do so, as its employment very quickly effects an appreciable saving in the matter of loss by breakage. Glass tumblers, as a rule, are short-lived, and the chimneys used with Argand gas burners, and often exposed to violent currents of cold air, are but rarely distinguished for length of service. For such articles, and a host of other less humble but not less fragile goods, “toughened glass” is admirably adapted.

To remove spots from varnished articles. It depends entirely upon the nature of the substance which caused the stain. In absence of any specific knowledge on this point, we quote a method recommended in a German polytechnic journal: Make a mixture of equal parts of linseed oil, alcohol, and turpentine, slightly moisten a rag with it, and rub the spots until they disappear. Then polish the spots with ordinary blotting-paper. Varnish injured by heat can hardly be restored in any other way than by removing it altogether and applying a fresh coat.

A very pretty shade for a chandelier globe is made of a band of bright satin ribbon two inches wide, gathered slightly at the upper edge to fit just above the largest part of the globe. The lower edge is bordered with antique lace about three inches in width, finished with a fringe of embroidery silk of the color of the ribbon, knotted into its pointed or scalloped edge. A chandelier of three globes has shades repeating the colors of the furniture, one with ribbon and fringe of crimson, another of yellow, and the third of dull blue.

Trailing plants give a cheerful appearance to a room, particularly when cultivated to climb over picture frames, pedestals, statuary, etc. The prettily decorated china vases with flat backs can be hung over or beneath a picture frame and into this put the plant; the balloon vine is a beautiful climbing plant and the Madera vine thrives splendidly, creeping wherever trained, and forms a thick lattice work if allowed to run over windows.

To destroy the odor of paint. To the recipes already given in past numbers may be added the following: Slice a few onions and put them in a pail of water in the centre of the room, to remain there for several hours; or plunge a handful of bay into a pailful of water and let it stand in the room over night.

An attractive design for a pale stone gray felt table cover, is an embroidered border wrought of scarlet pinks intermingled with the delicate green leaves of trailing smilax for the corners.

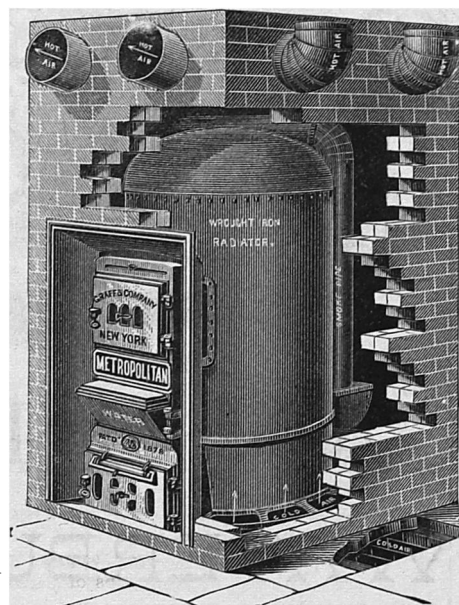
A plush table-cover, with fans applied, which are made of colored silks, embroidered with various fancy stitches and finished at the top with a ruffling of white lace, produces a happy result.

Two large bronze decorative vases, the work of M. Ledon, representing the “Four Seasons,” have been placed in front of the Palais de l'Industrie.

WARM AIR FURNACES.

Brick Set and Portable; Cast Iron and Wrought Iron.

ADAPTED TO ALL SECTIONS OF THE COUNTRY.



No house, however beautiful in appearance, or elegant in its appointments, can be comfortable unless provided with an apparatus that will furnish an abundant supply of pure warm air in the coldest weather. This can be obtained most surely and most economically by a well constructed and properly set warm air furnace. Most of the objections raised against furnaces are based on furnaces that are too small, or too cheaply constructed, or improperly set up.

Our Furnaces are all made with **Reversible Flues**, a principle demanded by all purchasers of Stoves, but not yet adopted by most furnace makers. By this construction we avoid hot chimneys and cold houses. By using a large furnace and having an ample supply of cold air from outdoors, all overheated surfaces, and consequent unpleasant effects, can be avoided.

Our Catalogue contains full information regarding our goods and best methods of setting furnaces. Catalogues sent on application and a careful examination invited.

\*\* Estimates given and correspondence solicited.

Address,

GRAFF & COMPANY,

MANUFACTURERS,

203 WATER STREET, NEW YORK.

MACLEAN & RETTERER, RINGEN STOVE CO.,

83 & 85 Wabash Avenue, CHICAGO, ILL.

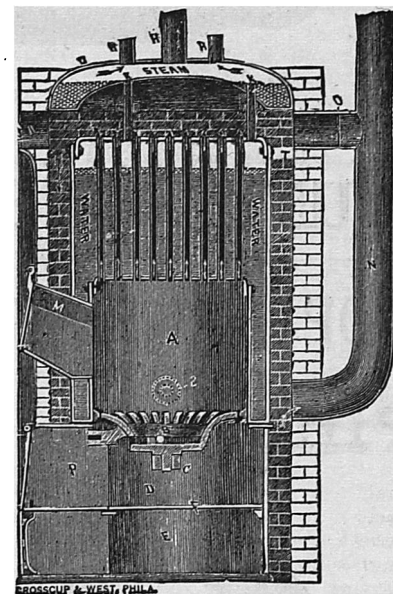
508 North Fourth Street, ST. LOUIS, MO.

BRIGHAM & WEEKS,

PORTLAND, OREGON.

WARMING AND VENTILATION,

A PERFECT SUCCESS BY OUR APPARATUS.



Residences, School Buildings,  
Manufactories, Churches,  
Opera Houses,  
Hotels, &c.

WARMED.

References given.

24 SIZES LOW PRESSURE GENERATORS.

Direct, Indirect, Window Radiation,  
Light's Patents.

Plans and Estimates for Architects. The Trade supplied at wholesale. Sales doubled from year to year. Good satisfaction everywhere.

EUREKA STEAM HEATING CO.,

202 State Street,

ROCHESTER, N. Y.

Send for Circulars.

STEPHEN A. MORSE. CARLTON M. WILLIAMS. EDWIN L. MORSE.

# Clem & Morse

MANUFACTURERS AND BUILDERS OF

## Patent Hydraulic, Steam, Belt and Hand Power Passenger & Freight ELEVATORS

WITH MOST APPROVED SAFETY DEVICES.

MAIN OFFICE & WORKS  
411 & 413 CHERRY ST.  
PHILADELPHIA.

BRANCH OFFICE, 108 LIBERTY STREET, NEW YORK.